UNITED STATES DISTRICT COURT WESTERN DISTRICT OF NEW YORK

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CAROL S. MARCELLIN, individually, and as Co-Administrator of the Estate of Charles E. Hollowell, deceased, and JESSICA HOLLOWELL-McKAY, as Co-Administrator of the Estate of Charles E. Hollowell, deceased,

PLAINTIFFS,

-against- Case No.: 1:21-cv-00704-JLS

HP, INC., and STAPLES, INC.,

DEFENDANTS.

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DATE: March 27, 2025

TIME: 10:08 A.M.

VIRTUAL DEPOSITION of the Non-Party, JASON T. KARASINSKI, taken by the Defendant, pursuant to a Court Order and to the Federal Rules of Civil Procedure, before Miriam Schweke, a Notary Public of the State of New York.



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   APPEARANCES:
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   FARACI LANGE, LLP
      Attorneys for the Plaintiffs
      CAROL S. MARCELLIN, individually, and as
5
      Co-Administrator of the Estate of Charles
      E. Hollowell, deceased, and JESSICA
      HOLLOWELL-McKAY, as Co-Administrator of
7
      the Estate of Charles E. Hollowell,
      deceased,
      28 East Main Street, Suite 1100
      Rochester, New York 14614
      BY: STEPHEN SCHWARZ, ESQ.
9
10
    COUGHLIN & BETKE
11
      Attorneys for the Defendants
      HP, INC., and STAPLES, INC.
12
      175 Federal Street, Suite 1450
      Boston, Massachusetts 02110
13
      BY: BENJAMIN LEVITES, ESQ.
14
    ALSO PRESENT:
15
    Jaclyn Wanemaker
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Page 3
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      FEDERAL
                     STIPULATIONS
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      IT IS HEREBY STIPULATED AND AGREED by and
6
    between the counsel for the respective
7
    parties herein that the sealing, filing and
    certification of the within deposition be
9
    waived; that the original of the deposition
10
    may be signed and sworn to by the witness
    before anyone authorized to administer an
11
12
    oath, with the same effect as if signed
13
    before a Judge of the Court; that an
14
    unsigned copy of the deposition may be used
    with the same force and effect as if signed
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    by the witness, 30 days after service of
16
17
    the original & 1 copy of same upon counsel
    for the witness.
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2.0
      IT IS FURTHER STIPULATED AND AGREED that
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    all objections except as to form, are
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    reserved to the time of trial.
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Page 4 J. KARASINSKI 1 2 J A S O N T. KARASINSKI, 3 called as a witness, having been first duly sworn by a Notary Public of the State of 5 New York, was examined and testified as follows: 6 7 EXAMINATION BY MR. LEVITES: 9 Ο. Please state your name for the 10 record. 11 Jason T. Karasinski. Α. 12 Q. What is your address? 13 Α. 7317 State Route 4, Sodus 14 Point, New York 14555. 15 Mr. Karasinski, we briefly met 16 off the record, my name is Ben Levites, I 17 represent the Defendant Hp and Staples in 18 this case. Also present we have the court 19 reporter. Ms. Schweke and, of course, 2.0 Attorney Schwarz, I'll be asking you 21 questions of a lawsuit filed by Carol 2.2 Marcellin and Jessica Hollowell-McKay 23 concerning a fire on January 24, 2020, at 24 the residence of Carol Marcellin and 25 Charles Hollowell and Attorney Schwarz may



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Page 5
                    J. KARASINSKI
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2
    as well. So my first question for you
3
    today, sir, is do you understand we're here
    today concerning Ms. Marcellin's lawsuit in
    respect to the fire at her residence on
5
    January 24, 2020?
6
7
         Α.
             Yes.
               MR. LEVITES: Just
9
          housekeeping, Steve, do you agree to
10
          the ordinary stipulations?
11
               MR. SCHWARZ: Yes.
12
               MR. LEVITES: And the Zoom
13
          stipulations, we're all okay with
14
          this proceeding remotely and the oath
15
          being sworn remotely?
16
               MR. SCHWARZ: Yes.
17
               THE WITNESS: As far as
18
          stipulations, I want to read and
19
          sign, so I don't know if that's your
2.0
          northerly customary stipulations.
21
               MR. LEVITES: That was my next
2.2
          question.
23
               THE WITNESS: Okay.
24
               MR. LEVITES: So please make a
          note of that, Ms. Schweke.
25
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Page 6
1
                   J. KARASINSKI
2
         Q.
              Okay, so you have familiarity
3
    with the deposition process?
4
             Yes, sir.
         Α.
5
         Q.
               So how many times have you been
    deposed previously, if you know?
6
7
             A lot. I don't remember how
    many times.
9
              More than 50?
         Q.
10
         Α.
              Not more than 50.
11
         Q.
             More than --
         A. Probably closer -- more than
12
13
    20, yeah.
14
         Q. Okay. Yeah, so somewhere
    between 20 and 50?
15
16
         A. Yeah, that's fine.
17
              Okay. So I'll go through these
         Q.
    as quickly as we can because you've heard
18
    them at least 20 times. The goal today is
19
20
    to produce a transcript that reads question
21
    and answer, question and answer and so on.
22
    Is that okay?
23
            Yes.
         Α.
              So in a normal conversation I
24
         Q.
25
    appreciate when you anticipate the rest of
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Page 7 1 J. KARASINSKI 2 my question and normally I would appreciate 3 that, but because we need that transcript to read question and answer, you'll need to 5 allow me to finish asking the question before giving your answer. So if I hold my 6 7 hand up while asking a question, I'm not trying to be rude, I'm just letting you know I'm still finishing asking the 9 10 question. Is that okay? 11 Α. Yes. 12 Equally, if you're giving an Q. 13 answer, I'll make every effort not to 14 interrupt your answer and begin another 15 question before you finish, and if I do, 16 please let me know that you weren't 17 finished. Is that okay? 18 Α. I will. 19 Then this is extra important Q. 20 because we're on Zoom, do you agree not to 21 use your cellphone or any electronic 22 devices during the deposition when we're 23 not on a break? 24 Α. Correct. 25 Q. Do you have any notes or



Page 8 J. KARASINSKI 1 2 documents with you right now? 3 I have my report and my Α. rebuttal report --5 Q. Okay. -- and the local Fire Marshal's 6 7 report. Do you agree not to refer to 9 any notes or documents other than those we 10 review together while we're, you know, in 11 the deposition? 12 Α. Correct, yes. 13 Q. Is there anyone else present in 14 the room with you right now? 15 No, sir. You've been doing a great job 16 17 so far but if you continue doing verbal 18 answers because the reporter won't capture 19 that; is that all right? 2.0 Α. Yes. 21 I may ask you a question that's Q. 22 confusing, you can always tell me that you 23 didn't understand it and you'd like me to 24 repeat it or rephrase it, but if you do not 25 tell me that you didn't understand it and



Page 9 J. KARASINSKI 1 2 then you proceed to answer it, it will be 3 assumed that you did understand the question. Is that okay? 5 Α. Yes. 6 We can take a break at any time 7 or for any reason, my only request is that if I just ask you a question that you answer it before we do so. Is that okay? 9 10 Α. Yes. 11 Without telling me the Q. 12 substance of any conversations you might 13 have had with Attorney Schwarz or anyone 14 from his team, what did you to prepare for 15 today's deposition? 16 I reviewed my report, I 17 reviewed my rebuttal and I reviewed the 18 local Fire Marshal's report. Those are the three documents 19 Q. 20 you have with you right now? 21 Α. Yes, sir. 22 Did you meet with anyone? Q. 23 When? I guess, could you be Α. 24 more specific? 25 Q. In preparation for the



Page 10 1 J. KARASINSKI 2 deposition, I apologize. 3 Α. No, I have not met with 4 anybody. 5 Have you spoken with this case Q. 6 about anyone other than Attorney Schwarz 7 and your colleague, Mr. Litzinger? 8 (Whereupon, an off-the-record 9 discussion was held.) 10 A. I guess we have to repeat the 11 question, there's a lot going on in between 12 there. 13 Q. Yes, I apologize. So my 14 question was, have you spoken with this 15 case about anyone other than Attorney 16 Schwarz and Mr. Litzinger? 17 A. In totally, like, since the date of loss? 18 19 Q. Yes. Talked to the local fire 2.0 21 marshals, I've talked to the experts that 22 were on site, obviously I have talked to 23 the experts that Hp sent to my facility for 24 the lab exam. So, yes. I guess the 25 answer's yes.



Page 11 J. KARASINSKI 1 2 Is there anyone else other than 3 the local fire department, the experts on site at the scene examination and those at 5 the facility for the lab examination? 6 Not that I can recall at this Α. 7 point, no. I guess taking each of those 9 groups in turn, do you remember what you 10 spoke to with the local fire department 11 about? 12 The local fire department was 13 on site for our joint scene exam. 14 Do you remember what they told Q. 15 you and you told them? 16 I believe the investigator's 17 name was Jeff Luckey and he went over his 18 investigation and statements provided by 19 the living occupant, Carol. 20 Q. Then setting aside the experts 21 from Hp, were there any other experts other 22 than Mr. Litzinger and the Hp experts with 23 whom you spoken about this case? 24 Α. On site I think you should have 25 a sign-in sheet but I believe there are



Page 12 1 J. KARASINSKI 2 people there from FFA as well as NEFCO, the 3 local law enforcement was there, the local fire marshal was there, Brent was there for 5 your side at the scene exam. Q. Do you remember what, if any, 6 7 conversations you had with the investigators from FFA and NEFCO? 9 No, we processed the site, 10 everyone agreed on the room of origin, everyone agreed that the ignition source 11 12 was something to do with a laptop and we 13 collected all that evidence and we left. 14 Q. Okay, did you take any 15 medication today, sir? 16 Α. No. 17 Are you able it sit through Q. 18 this deposition and answer questions? 19 Α. Yes. 2.0 I'll make every effort to 21 finish before the end of day but we have 22 lot of your report to get to, so I'll be as 23 quick as I can. No worries. It there was an 24 Α. 25 early morning for me, I'm good.



Page 13 1 J. KARASINSKI 2 I appreciate that. Yeah, wow, 3 you're on a time difference so thank you for accommodating us. 5 Can you reviews documents if I 6 display them on the screen here? 7 Α. Yes. Q. Are you familiar with Hp as a 9 company? 10 Α. I'm familiar that they make 11 laptops, other than that, not really, no. 12 Okay. Have you ever had any Hp Q. 13 products yourself? 14 Of course, yes. Α. 15 Q. Laptops or something else? 16 Α. Laptops. 17 When was the last time you had Ο. an Hp product, if you remember? 18 19 We go back and forth between Hp 20 and Dell for laptops for the company but 21 I'm not really sure, I don't remember the 22 last time I had an actual Hp laptop. 23 You're using a Dell now, fair Q. 24 to say? 25 A. I'm using a Dell now, correct.



Page 14 J. KARASINSKI 1 2 You would agree that part of 3 the scientific method in a case like this is to test the adequacy and accuracy of 5 your hypotheses? 6 A. Yes. 7 Would you agree that the use of an appliance should be well understood 9 before it was identified as the cause of a 10 fire? 11 Can you repeat that question, 12 I'm sorry? 13 Yes. Would you agree that the Q. 14 use and operation of an appliance should be 15 well understood before it's identified as the cause of a fire? 16 17 A. I would agree in part. 18 Sometimes when we look at items we may not 19 know what they are or have never used that 2.0 item before but after we do our inspection, 2.1 do our lab exam and forensically, you know, 2.2 examine the evidence as well as with the 23 X-rays or CTs, that I would have a pretty 24 good understanding on how that piece of 25 equipment operates.



Page 15 J. KARASINSKI 1 2 So you may not have the 3 understanding and the use in operation and -- of an appliance at the outset of your investigation but you would expect to 5 by the conclusion of your investigation? 7 With that and following the scientific method, so we're typically always in the data collection phase, 9 10 correct, until we develop our hypothesis, test our hypothesis and then select a final 11 12 hypothesis, yes. 13 Would you agree that the degree 14 of damage to an appliance is not an 15 adequate indication of origin? 16 Well, that determines on a couple different factors but that's one 17 18 factor, but, you know, if you have a fire 19 that originates in appliance, depending on 2.0 what those secondary field packages are, 21 adjacent to that or near that can change 22 the fire dynamics of that situation. But 23 in part, I would agree with that, yes. 24 And that's because an appliance Q. 25 can be damaged in a fire? In other



Page 16 J. KARASINSKI 1 2 words --3 Α. Yes. -- damaged instead of causing Q. 5 the fire? 6 A. Yes, in some instances, of 7 course. Okay. Would you say it's more Q. 9 so in instances where an appliance has a 10 field load in it, like a battery pack in a 11 notebook computer? 12 I'm not sure I understand your Α. 13 question, can you rephrase it? 14 Sure. So would you agree that Q. 15 in some instances an appliance can be damaged as a result of a fire as opposed to 16 17 causing the fire, right? 18 Yes. My understanding of the 19 question you're asking if an appliance can 20 be damaged from fire attack verses cause, 21 and the answer is yes, yes. 22 So my follow-up question to 23 that is, is it more likely that an 24 appliance -- I'm sorry. Now I'm seeing how 25 I unartfully phrased.



Page 17 1 J. KARASINSKI 2 And it's consistent with that 3 fact that some appliances have fuel in them and some don't, right? 5 I guess you would need to define fuel, I'm not sure what you're 6 7 asking. Well, a notebook battery pack 9 has fuel for a fire, right? 10 Α. Yes. 11 Ms. Marcellin was deposed on Q. 12 July 7, '23 and July 9, '24, correct? 13 Α. I believe so, yes. 14 Do you remember when you were Q. 15 retained in this case? 16 A. I'm not sure the exact date 17 that we were contacted, obviously it was 18 post-fire, and it was after the insurance 19 company did initial inspection, I believe 20 NEFCO, because that was the signage on the 21 laptop. At the time of my inspection I'm 22 not sure how long after their inspection 23 when we were retained. 24 Q. But you were retained shortly 25 after the fire and certainly prior to your



Page 18 J. KARASINSKI 1 2 initial scene examination, right? 3 Α. Yes. Did you have any questions that 4 Q. came to mind that weren't answered Ms. 5 Marcillin's depositions that you wanted to 6 7 ask her? Α. Yes. 9 What questions were those? Q. 10 Α. Those questions were derived 11 after receiving the reports and my review 12 from Exponent that brought up items that 13 were not asked during those depositions and 14 I wanted to get clarification to those 15 items for a potential rebuttal report. 16 So did you have any questions 17 that came to mind that weren't answered by 18 her depositions prior to your initial 19 report? 2.0 No, not really, actually, because of the conversations that were had 2.1 22 on site with the additional experts, 23 everyone was in the agreement on the room 24 of origin, everyone was in agreement what 25 evidence was collected and none of the



- J. KARASINSKI
- 2 parties asked for any additional evidence
- 3 to be collected at the site.
- 4 Q. So it's because of your
- 5 conversations with people at the site
- 6 during your initial exam that you had no
- 7 additional questions for Ms. Marcellin in
- 8 respect of her depositions that you wanted
- 9 to ask her before preparing your October
- 10 14, '24 report?
- 11 A. Correct. I didn't have any
- 12 additional questions until receiving the --
- 13 again the Exponent reports that brought up
- 14 issues that I did not address because
- 15 everyone was in agreement of the area of
- 16 origin on site so I wanted to get clarity
- 17 for those questions from Carol in
- 18 preparation of my rebuttal report.
- 19 Q. Did you, yourself, ever
- 20 interview Ms. Marcellin?
- 21 A. No, I did not interview her
- 22 personally, based on the evidence and the
- 23 description from the locals, as well as
- 24 reviewing the report, I felt that I had
- 25 enough information at that time but because



- J. KARASINSKI
- 2 of some of the instances that Exponent
- 3 addressed in their report, I wanted to get
- 4 clarification from Carol on some of those
- 5 items.
- 6 Q. So -- but you didn't interview
- 7 her in respect to creating the supplemental
- 8 declaration that you're referring to,
- 9 right?
- 10 A. I have not interviewed her,
- 11 I -- I try to respect the attorney/client
- 12 privilege and I would send in my questions
- 13 or call and ask them to -- for follow-up
- 14 questions with her, based on my review and
- 15 following the scientific method and still
- 16 continuing to collect that data to follow
- 17 that scientific method.
- 18 Q. So is it your ordinary practice
- 19 not to interview someone like Ms. Marcillin
- 20 and to forward your inquiries to their
- 21 counsel in a case such as this?
- 22 A. Typically when it involves a
- 23 fatality if they're represented by an
- 24 attorney I will normally just go through
- 25 the attorney versus interviewing them just



- J. KARASINSKI
- 2 because of emotional state and what they
- 3 went through. Typically the attorney that
- 4 they have has a rapport with them and I
- 5 would go through them to ask those
- 6 questions of their client or their insured,
- 7 depending on whom I'm there representing.
- 8 Q. Does your answer change if it's
- 9 a case different from this one that doesn't
- 10 involve a fatality?
- 11 A. Can you repeat that? I didn't
- 12 understand that question.
- 13 Q. Yes. So you said that you
- 14 normally don't conduct interviews in a case
- 15 like this that involves a fatality because
- 16 of the emotional state; is that correct?
- 17 A. That's correct and also if
- 18 they're represented by an attorney, then I
- 19 would go through the attorney. But if
- 20 they're not represented, then I would
- 21 interview them, yes.
- Q. Okay. If it was someone who is
- 23 represented by an attorney but it wasn't a
- 24 death case, same answer?
- 25 A. Same answer, yes.



Page 22 1 J. KARASINSKI 2 So as long as the person's 3 represented by counsel you're not going to interview? 5 Unless the attorney allows it or recommends it. I mean, I've always just 6 7 gone through the attorney to get my questions answered. 9 Q. Do you know if Attorney Schwarz 10 allowed it or recommended it in this case? I've never asked to interview 11 Α. 12 Carol personally. 13 Q. You work for Ms. Marcellin, that's correct? 14 15 I work for Faraci Lange, that's 16 who retained me. 17 Q. As you sit here today are there any questions you would have liked to have 18 ask Ms. Marcellin if you were given the 19 2.0 chance? 21 Α. Not at this point, maybe during 22 the deposition I may have questions, but at 23 this point, no, I don't have any additional 24 questions for her. 25 Q. Okay. You said you reviewed



Page 23 1 J. KARASINSKI 2 her witness statement prior to this 3 deposition as well, right? 4 Α. Yes. 5 And then you reviewed her first Q. deposition testimony transcript? 6 Not in preparation for the 7 deposition, I do not review her 9 depositions, no. 10 Q. But in preparation of your 11 report you reviewed her testimony? 12 Α. Yes. 13 Q. Did you review her second 14 deposition transcript? 15 Α. Yes. 16 Q. Did you review the Affidavit of the Plaintiff, the Supplemental Declaration 17 that we've been talking about, did you see 18 19 that? 2.0 Α. Say again. MR. SCHWARZ: You faded out. 21 22 I'm sorry. I apologize, I'll Ο. 23 move a little closer. The Supplemental 24 Declaration we've been talking about, did 25 you review that before Ms. Marcellin



Page 24 J. KARASINSKI 1 executed it? 2 3 A. I don't know what you mean by executed it. 5 Did you have the opportunity to see a draft of that Affidavit or did you 6 see it after she signed it? 7 I believe I saw it after it was 9 signed. 10 Q. Do you know when she signed it? 11 A. I don't recall that, no. 12 I think you described the Q. 13 circumstances of its creation as you had 14 some additional questions that you directed 15 to counsel after receipt of the Exponent reports in this case? 16 17 A. Yes. So do you understand that 18 Q. 19 Attorney Schwarz interviewed Ms. Marcillin to create that Affidavit? 20 21 A. Yes, I provided questions to 22 them to ask her after receiving that 23 report, yes. 24 Q. Okay. So other than the 25 witness statement to the local



- J. KARASINSKI
- 2 investigators, the deposition transcripts
- 3 and the Supplemental Declaration, the
- 4 Affidavit, are you aware of any other
- 5 statements from Ms. Marcillin that were
- 6 memorialized?
- 7 A. I'm not aware of any other
- 8 witness statements from her other than
- 9 those.
- 10 Q. Okay. I think you testified
- 11 the reason that you never took a statement
- 12 from her was that the evidence that you had
- in front of you was sufficient to come to
- 14 your conclusions in your initial report; is
- 15 that correct?
- 16 A. Well, I mean, I reviewed her
- 17 statement that she provided to the local
- 18 authorities, and I felt that that was
- 19 sufficient at that point. But again, I
- 20 didn't write a report until after the lab
- 21 exam and the amount of data that was
- 22 collected to actually form an opinion to
- 23 follow the scientific method.
- Q. Understood. So it was the
- 25 statements that were taken by local



Page 26 1 J. KARASINSKI 2 investigators, together with the scientific 3 process you followed in the months after your initial scene exam through the 5 laboratory exam and the preparation of your 6 report is the reason why you never took a statement from her? 7 Correct, but I reviewed the 9 statements that she gave in her two 10 depositions as well as the interview provided by the local authorities and the 11 12 follow-up questions I had after receiving 13 the reports that were provided by Exponent. 14 Understood. Do you know if Ο. 15 Ms. Marcellin had any issues with respect 16 to her memory? 17 I'm not aware of any memory 18 issues from Carol at all. 19 Do you know whether she needed 0. 20 to change her answers in this case 21 previously? 2.2 MR. SCHWARZ: Object to the 23 form of the question. If you want to 24 tell him what you're talking about, I 25 certainly would think that would be



	Page 27
1	J. KARASINSKI
2	appropriate, but your general
3	statement of changing her answers
4	is is inappropriate. And I think
5	what you're referring to is the
6	interrogatory answers which were
7	actually verified by the other
8	Plaintiff, Ms. Hollowell
9	McKay-Hollowell [sic] not by Carol
10	Marcellin, so you're incorrect in
11	your statement.
12	You can answer the question if you
13	understand it, Jason.
14	Q. Did you understand the
15	question?
16	A. Can you repeat the question?
17	Q. Yes, absolutely. My question
18	was, are you aware whether she needed to
19	change her answers in this case previously?
20	MR. SCHWARZ: Same objection.
21	A. I'm not aware of Carol changing
22	any of her answers in this.
23	Q. Okay. Did you find her
24	statements meaning her statements to
25	local investigators, her deposition
	- · · · · · · · · · · · · · · · · · · ·



- J. KARASINSKI
- 2 testimony, and the Supplemental
- 3 Declaration, did you find them to be
- 4 consistent with one another?
- 5 A. From what I reviewed, yeah, I
- 6 believe they were consistent and they were
- 7 consistent with what was observed at the
- 8 fire scene.
- 9 Q. Okay. So you said from what
- 10 you reviewed, did you mean you reviewed
- 11 something less than all of those statements
- 12 or having reviewed all of the statements
- 13 you found them to be consistent with one
- 14 another?
- 15 A. After reviewing all the
- 16 statements that I had been provided.
- 17 Q. You just said you also said
- 18 found her statements to be consistent with
- 19 the physical evidence that you
- 20 investigated?
- 21 A. I found her statements to be
- 22 consistent with the physical evidence that
- 23 was observed at the site, yes.
- 24 Q. There was nothing that was
- 25 inconsistent with the physical evidence you



Page 29 1 J. KARASINSKI found? 2 3 Not that I -- not that I saw at the site, no. 5 Did you find Ms. Marcellin's statements to be credible? 6 Yes. 7 Α. Do you have any notes that you 9 prepared in respect of her various 10 statements? 11 No. Other than what was Α. 12 provided and was published in my report and 13 rebuttal, no. 14 Understood. I deposed your 15 client Mr. Litzinger and when I asked him that question he testified that the one 16 17 inconsistency he could think of was that Ms. Marcellin testified that the compact 18 19 computer was in her closet at the time of 2.0 the fire but he never saw any indication 21 that the compact was there in the closet or 22 anywhere else during the scene examination. 23 Do you agree with that testimony? 24 Α. Yeah, we did not find any 25 physical evidence of a compact computer in



- J. KARASINSKI
- 2 the closet, period, as she suggested, as
- 3 well as a vacuum cleaner that was not in
- 4 the closet as well.
- 5 O. So would that be an
- 6 inconsistency between her statements and
- 7 the physical evidence you found?
- 8 A. I quess your term inconsistency
- 9 is a little bit extraordinary because I
- 10 couldn't tell you what is in my closet in
- 11 my house, so based on her statements to me,
- 12 it's still consistent. She believed it was
- 13 there, we didn't find it and the physical
- 14 evidence doesn't support that.
- 15 Q. Okay. So but she was quite
- 16 certain it was there, it wasn't just a
- 17 belief, right?
- 18 A. Correct. And I didn't inform
- 19 her that we didn't find it in there to give
- 20 her an opportunity to let me know if it's
- 21 somewhere else in the structure, but the
- 22 physical evidence and the remains found in
- 23 the closet area did not support that there
- 24 was a compact computer there or -- and
- 25 there was also not a vacuum cleaner in that



Page 31 1 J. KARASINSKI 2 closet. 3 Q. So you wouldn't call it an inconsistency, is there some other word I can use, you know --5 6 Well, I guess -- I guess --7 -- in your testimony in the physical evidence; is that fair? I quess -- I think 9 10 inconsistency is a little bit too strong 11 because, like I said, I don't -- maybe you 12 remember what's in your closet in a room 13 that you never go in anymore but I don't 14 remember what's in my kids' closets or a 15 bedroom that we don't really access anymore. I wouldn't remember what was in 16 17 that closet, so to me that's -- that's a form of witness statements and the physical 18 evidence shows that it wasn't there and to 19 20 me that's not an inconsistency, that's just 21 her not recollecting what was in the 2.2 closet. 23 Q. So I asked you earlier if you 24 knew if she had any troubles with her 25 memory and you were just saying that you



- J. KARASINSKI
- 2 wouldn't anticipate or recollect if it was
- 3 or wasn't in her closet, does that refresh
- 4 your recollection and your testimony in
- 5 respect of whether she had any issues with
- 6 her memory?
- 7 A. No. Again, I mean, I just --
- 8 you're having issues with your memory and
- 9 not remembering what is in a closet, I
- 10 don't think that's an inconsistency, I
- 11 think that's just an oversight and she
- 12 believed it was there and when we didn't
- 13 find it, it was, okay, it's not in here, so
- 14 we moved on with our investigation.
- 15 Q. So with the understanding that
- 16 you wouldn't characterize this as an
- inconsistency, did you see anything else
- 18 like this in the case, meaning,
- 19 Ms. Marcellin believed it to be one way and
- 20 you discovered that it was some other way?
- 21 A. Again, that's following the
- 22 scientific method and that's, you know,
- 23 going through interviews and that is a
- 24 typical oversight that we see regularly
- 25 when we're doing interviews and we're going



- J. KARASINSKI
- 2 through physical evidence that they believe
- 3 something was there and it wasn't there.
- 4 Q. My question for you, Mr.
- 5 Karasinski, is, is there any other
- 6 oversight like this that you saw in the
- 7 case?
- 8 A. Not that I can recall, unless
- 9 you have something specific you would want
- 10 to discuss, no.
- 11 Q. Yeah, so all you can recall
- 12 sitting here is the vacuum cleaner and the
- 13 compact as oversight?
- 14 A. At this point, yes, unless you
- 15 have something else you want to discuss.
- 16 Q. Okay. Is there anyone else at
- 17 FRT that knows anything else about this
- 18 incident?
- 19 A. What do you mean if there's
- 20 anyone else that knows anything about this
- 21 incident?
- 22 Q. So you and Mr. Litzinger worked
- 23 on this case, is there anyone else at FRT
- 24 that you worked with?
- A. Well, we have a team of people



Page 34 J. KARASINSKI 1 so there would have been evidence techs 2 3 there, whoever did the CTs, who did the X-rays, who participated in the joint lab 5 exam. Yeah, so there's -- there's a lot of people that know about this case. 6 7 Okay. So you have the CT technicians, the joint laboratory exam technicians and then FRT support in respect 9 10 of preparing the report --11 Α. Yes. 12 -- is that fair to say? Q. 13 Α. Yes, that's a fair statement. 14 Is there any overlap between Q. 15 those three general groups of support on your team that I've just laid out? 16 17 I guess define what you mean by 18 overlap. 19 So are some of the people Q. 20 helping on your laboratory exam, are those 21 the same people conducting the CT exam and 22 helping with the preparation of the report 23 or are they three different groups of 24 people? 25 A. Well, based on our lab



- J. KARASINSKI
- 2 accreditation with ISO that would be
- 3 different -- different people, different
- 4 job descriptions.
- 5 Q. Okay. So it's a pretty big
- 6 team that would have helped bring this
- 7 report together?
- 8 A. Yes.
- 9 Q. Ten or 12 people, more?
- 10 A. Well, when you say put the
- 11 report together, no, I mean, that would be
- 12 myself, Andy but we utilize the support
- 13 staff to take the X-rays, utilize the
- 14 support staff and the CT technician to take
- 15 the CT images, and we review those images
- 16 and then we obviously have evidence techs
- 17 that sifted the debris that we secured from
- 18 the site and then we had evidence techs
- 19 that would assist with the joint lab exam
- 20 at our facility in Upstate New York.
- 21 Q. Okay. So you and Mr. Litzinger
- 22 prepared the report but you had assistance
- 23 in all of the analysis that you just
- 24 describe, and my question is, is the total
- 25 group of people, inclusive of you and Mr.



Page 36 J. KARASINSKI 1 2 Litzinger, that worked on the science to 3 underwrite the report and the preparation of the report, how many people would you 5 say that is, ten people or more, fewer? 6 Probably ten or less, not 7 including whoever reviewed the reports. Okay. If you could just give 9 me a very brief summary of your educational 10 background from high school to your highest level of attainment? 11 12 I have a high school degree 13 from Marion Central School and I have a --14 I went to Morrisville University for one 15 year and I transferred to Lambuth 16 University where I obtained my four-year 17 degree. 18 Q. What was that degree in? 19 That degree was in business, I Α. 20 believe, a minor in marketing. 21 Q. Do you have any licenses or 2.2 certificates? 23 I am a certified fire 24 investigator through IAAI, I'm a certified 25 fire investigator through NAFI, which is



Page 37 1 J. KARASINSKI 2 the National Association of Fire 3 Investigators and I have multiple PI licenses throughout the country. 5 Q. Are you a professional engineer? 6 7 I am not. Α. Do you have any professional 9 background in computer design? 10 A. I do not. 11 Q. Have you ever been enlisted in 12 the military? 13 A. I have not. 14 Q. Have you ever been involved in 15 a civil lawsuit, meaning personally, meaning someone sued you or you sued them? 16 Α. 17 No. 18 Q. How about criminal proceedings, 19 any charges been brought against you? No, sir. 2.0 Α. Any other lawsuits, 21 Q. 22 arbitrations, mediations, again, personal 23 to you? 24 Α. No. 25 Q. If you could give me, as you



- J. KARASINSKI
- 2 did with your educational experience, a
- 3 brief summary of your employment experience
- 4 from the time of your graduation from
- 5 Lambuth to the present.
- 6 A. Can we just make my CV an
- 7 exhibit and go through it? It's not a game
- 8 of memorization, I don't have that
- 9 memorized, but --
- 10 Q. Of course, no. I'm not asking
- 11 for years and everything like that, if you
- 12 could just give me a brief summary of how
- 13 you got to where you are. I don't need to
- 14 know the month and year you left one
- 15 position or another or anything like that.
- 16 A. All right. So I believe I
- 17 graduated 1995. From there I obtained a
- 18 job in New Jersey with an insurance company
- 19 as a property adjuster. From that I took a
- 20 job at Liberty Mutual in 1998, I believe,
- 21 and I worked at Liberty Mutual from 1998
- 22 until I left in 2008. Or, no, I'm sorry,
- 23 2014, when I was at Liberty Mutual I was a
- 24 large law specialist and then from there
- 25 Liberty Mutual sent me to all of my



Page 39 J. KARASINSKI 1 2 training for fire investigation and I 3 actually received an award at Liberty Mutual for starting their internal fire 5 investigation and when I left I believe I 6 had about 30 employees all over the United 7 States that did fire investigation that reported to myself. And then I opened Fire Research & Technology in 2014 and then 9 10 that's where we are at today. I have 11 facilities at two labs in Florida -- one in 12 West Palm, one in Sarasota -- and then we 13 have our forensic facility also in Upstate 14 New York and we have approximately, I don't 15 know, 45, 50 employees. 16 Thank you, Mr. Karasinski. 17 MR. LEVITES: I'm just noting 18 for the record we were just joined by 19 my colleague Jackie Wanemaker who is 2.0 also counsel for the Defendants in 2.1 this case. She'll be sitting in our 2.2 deposition for a little bit as her 23 schedule permits. 24 MS. WANEMAKER: Thank you. 25 Good morning, everyone. I'm going to



Page 40 1 J. KARASINSKI 2 turn off my audio now. 3 So, Mr. Karasinski, have you Ο. ever worked in computer manufacturing? 5 No, sir. Α. 6 Battery pack design? Q. 7 Α. What do you mean by battery pack design? 9 Q. Have you ever worked in battery 10 pack design? 11 Α. No, sir. 12 Have you ever worked in battery Q. 13 cell design? 14 No, sir. Α. 15 Do you have any background in 16 pack and cell manufacturing? 17 Α. When you say -- I guess when 18 you say background it's a little confusing 19 because we look at computers regularly at fire scenes so I'm not --2.0 21 Q. Beyond your experience of 22 examining computers at fire scenes, do you 23 have any professional experience in battery 24 pack and cell manufacturing? 25 A. No.



Page 41 1 J. KARASINSKI 2 Have you ever written any peer 3 review articles about notebook computers? 4 No, not -- not any white papers, no. I have written Power Points 5 6 that I presented that include battery 7 packs, as well as computers as potential ignition sources but not written any white 9 papers, no. 10 Q. Then same question, have you 11 written any peer review articles concerning lithium ion batteries? 12 Power Points only, no white 13 Α. 14 papers. 15 Have you ever been in a 16 notebook computer manufacturing facility? 17 Α. No. 18 Have you ever been in a battery 19 manufacturing facility? 2.0 Α. Yes. 21 Q. When was that? 2.2 I've been in multiple for 23 fires, so some in New York, I think I was at a facility in Texas, I think another 24 25 facility in Florida, but not specifically



Page 42 1 J. KARASINSKI 2 for Hp. And these were -- I guess let me 3 rephrase that, they were recycling facilities that caught on fire with 5 batteries. That's what they handled was lithium ion batteries. 6 7 Q. Okay. So you weren't in a battery manufacturing plant but you've been in multiple battery recycling facilities? 9 10 Α. Correct, yes. 11 What did they do at the battery Q. 12 recycling facilities? 13 Well, that's an interesting 14 question, Counsellor. They dispose of 15 them, they -- typically it's -- the 16 disposal process is inappropriate but they don't really have guidance on how to 17 18 properly dispose of them so we see a lot of 19 fires in these recycling plants based on 2.0 how they store those cells before they are 21 dismantled and put into reproduction and 22 dismantled basically. 23 So you've responded to these 24 fires in these plants because of how the 25 cells are getting stored improperly; is



Page 43 1 J. KARASINSKI 2 that fair to say? 3 I mean, a lot of these Α. Yeah. recycling plants they'll -- they just throw 5 all the cells into dumpsters really, which is obviously a hazard so they have quite a 6 7 few fires. They try to do what they can with, you know, surveillance video as while 9 as suppression systems above those items 10 but, you know, how they're disposing of them prior to recycling them is -- is 11 12 definitely an issue that we have run into 13 multiple times in our facility. 14 So tossing the cells in a 15 dumpster, that's dangerous because it's abuse of the cells, right? 16 17 Yeah, correct, and you've 18 got -- you'll have cells that are making connections with other cells that shouldn't 19 2.0 be making those connections so you can 21 cause thermal runaway that could cause a --22 a fire within those dumpsters based on how 23 they're disposing those before they 24 actually recycle them. 25 Q. So they're the physical abuse



Page 44 J. KARASINSKI 1 2 aspect with the dumpsters that makes it 3 dangerous, right, that's one aspect? That's one aspect, yes. 5 Q. Then another aspect that you just mentioned is the possibility for 6 7 shorting when multiple cells connect with one another in the pile? 9 When they come -- when the 10 connections come into contact with each other, yes. 11 12 Then you talked about the 13 storage conditions generally, are there 14 other aspects of the storage conditions 15 that make it dangerous in a battery 16 recycling facility? 17 Yes, the kinds if they're 18 storing them, obviously, inside what those 19 temperatures are, if they're stored outside 20 are those dumpster covered, are they -- are 21 they, you know, available to the elements 22 outside in the weather, the rain, snow, 23 sleet, whatever's going on outside or are 24 they properly covered and staying dry. So 25 there's multiple instances on how those



- J. KARASINSKI
- 2 cells are handled and stored that are
- 3 dangerous, you know, and can cause
- 4 fire-related issues or thermal runaway and
- 5 whatever.
- 6 Q. Understood. So you said that
- 7 one of the issues you look at is if they're
- 8 being stored inside, the indoor storage
- 9 temperature. So how does the indoor
- 10 storage temperature affect the risk of
- 11 thermal runaway?
- 12 A. Can you repeat that?
- 13 Q. Yeah, not a problem. So you
- 14 just told me that the -- one of things that
- 15 you look at in these recycling facility
- 16 fires if the batteries were stored indoors,
- 17 what the temperature of the storage was; is
- 18 that right?
- 19 A. Well, that's not -- I guess
- 20 what I'm saying if they're stored inside
- 21 they're not out in the elements of the
- 22 weather. You know, if they're inside then
- 23 you would assume that they had some sort of
- 24 ambient temperature that they are going to
- 25 be consistent with, you know, but if



- J. KARASINSKI
- 2 they're outside in Upstate New York, if
- 3 it's in the middle of summer it could be 90
- 4 degrees, if it's in January there could be
- 5 3 feet of snow on the ground and it could
- 6 be minus 20 degrees, so by them storing
- 7 them in a facility, that ambient
- 8 temperature would remain consistent.
- 9 Q. Did you ever have any cases
- 10 where it was too hot inside the facility,
- 11 like, they weren't running the air
- 12 conditioning or something like that?
- 13 A. No, sir.
- 14 Q. So you -- in the battery fires
- 15 that you respond to at these recycling
- 16 facilities, the indoor air temperature was
- 17 never a factor in the fire; is that fair to
- 18 say?
- 19 A. No, the ambient temperature was
- 20 not an issue with the fire.
- 21 Q. Okay. Was it a factor in any
- 22 of the cases where they were outside, like,
- 23 when you mentioned maybe it's 90 degrees
- 24 outside and they're left in a dumpster
- 25 outside?



Page 47 J. KARASINSKI 1 No, I don't -- I don't -- no, I 2 3 mean, we're not going to get -- we're not going to reach temperatures that would affect, you know, batteries sitting in a 5 dumpster outside, you know, 95 degrees, 6 7 100 degrees, you know, but the issue is obviously water, when they move the 9 dumpsters obviously the cells move and then 10 they can come in contact with each other, and, you know, through that they can make 11 12 contact and then go into the thermal 13 runaway based on those connections that 14 they're making as they're moving those 15 dumpsters around the facilities. 16 So the indoor air temperature 17 isn't coming into play in your analysis of 18 the major recycling fires and the outdoor area temperature isn't coming into your 19 20 analysis of these -- these recycling fires; 21 is that fair to say? 22 Yes, that would be fair to say. 23 0. Okay. Have you ever obtained a 24 patent? Α. 25 Have I ever what?



Page 48 J. KARASINSKI 1 2 Q. Obtained a patent. 3 No, I've not obtained any Α. 4 patents. 5 Q. Have you ever been qualified in any court as an expert on human factors? 6 7 Not that I can recall but when we are talking about warnings and fire-related issues, I have to review those 9 10 to see if those products are being used 11 properly or not, so I have testified to 12 whether they followed the proper use of 13 those as it relate to fire. But 14 specifically been called as a human factors 15 expert, that would be no, but I do review 16 warnings which is part of our process, 17 right, to review to see if that product was 18 being used properly or improperly at the 19 time of the event or prior to the event. 2.0 Q. Yeah, so you would look at the 21 warnings to determine if product was being 22 misused in your investigation, right? 23 That is typical, yes. Α. 24 Q. Did you do that here? 25 Α. Yes.



- J. KARASINSKI
- Q. Okay. Do you remember what the
- 3 warnings were in this case?
- 4 A. Not offhand but we can review
- 5 them if you want to pull them up and make
- 6 it an exhibit, but the computer, that was
- 7 outside of my scope, I was not retained to
- 8 have any opinions based on the laptop or
- 9 the failure of the laptop.
- 10 Q. Okay. But are you offering any
- 11 opinions on the warnings in this case?
- 12 A. No, sir.
- 13 Q. Okay. Do you hold yourself out
- 14 as an expert on product warnings?
- 15 A. Well, I quess I review warnings
- 16 and I testify on warnings and if they were
- 17 followed, I've not been told I'm not an
- 18 expert in warnings but we review them --
- 19 the actual fire-related warnings with that
- 20 product. We have to review those to see if
- 21 they were used in the product correctly or
- 22 not.
- Q. So I guess it's similar to your
- 24 answer in respect to human factors, right?
- 25 You know, your analysis necessarily



- J. KARASINSKI
- 2 involves looking at warnings to see if a
- 3 product was used in a proper way or not,
- 4 but my question is, have you ever offered
- 5 an opinion specific to warnings? Have you
- 6 ever been designated a warnings expert?
- 7 A. I've not been designated as a
- 8 warning expert but I given opinions on
- 9 warnings.
- 10 Q. Okay. Is there anything in
- 11 your educational background that
- 12 particularly qualifies you to testify as an
- 13 expert in respect to warnings rather than
- 14 fire investigation?
- 15 A. Well, I do presentations all
- 16 over the country and, you know, that's one
- 17 of the items that we discuss with those
- 18 Power Points and presentations is to review
- 19 those warnings to see if that product is
- 20 being utilized properly, improperly, and we
- 21 also re-review those warnings, correct to
- 22 see if there is anything that should be
- 23 warned for that maybe was not and at that
- 24 point, you know, based on that, I would
- 25 give a recommendation to our client that



- J. KARASINSKI
- 2 they may need to get a warnings expert.
- 3 So, you know, what you're looking at --
- 4 when you're looking at warnings you're
- 5 also -- you're looking at, okay, has this
- 6 product been recalled and if so, is that
- 7 warning lifted, why it's been recalled and
- 8 is it appropriate.
- 9 Q. So you said that you would --
- 10 when you look at whether someone should
- 11 have been warned but wasn't, you may make a
- 12 recommendation that a party needs to retain
- 13 a warnings expert and my question is, did
- 14 you do so in this case?
- 15 A. I had not advised the -- my
- 16 client that we needed to bring on a
- 17 computer battery expert because that was
- 18 outside of my scope and what I was asked to
- 19 do and they retained a computer battery
- 20 expert. I'm not aware if he has any
- 21 warnings experience or not.
- 22 Q. You mentioned whether -- you
- 23 would look at whether a product's been
- 24 recalled and whether that's listed in a
- 25 warning, did you do that in this case?



Page 52 J. KARASINSKI 1 2 Α. Of course. 3 Was this product recalled? Q. Α. No. 5 Q. Fair to say you hold yourself as an expert in fire investigation 6 7 principally? Of course, yes. Α. 9 0. And you're a cause of origin 10 expert? 11 Α. Origin and cause, yes. 12 I apologize, origin and cause. Q. 13 Α. You got to get them to origin 14 before you get to cause. 15 That does makes sense. So your 16 colleague Mr. Litzinger testified that you 17 analyze fire patterns and fire dynamics; is 18 that fair to say? 19 Α. Yes. 20 Q. Okay. How about analyzing 21 notebook computer design, do you do that? 22 Again, that was outside the 23 scope of my investigation in this case. I 24 do not analyze any design issues with the 25 computer or the battery manufacturer



Page 53 J. KARASINSKI 1 2 themselves. 3 Q. You're not a mechanical engineer, right? 4 5 A. I am not a mechanical -- I'm not a degreed mechanical engineer but we 6 deal with mechanical engineering on a daily 7 basis. 9 Understood. You say you're member of NFPA, that's where you are right 10 11 now, right? 12 A. I am a member of NFPA, I am 13 a -- I sit on NFPA 921 as a technical 14 member, principal, as I sit as well on NFPA 15 1321 as a technical principal member as 16 well. 17 Q. Are you a member of NAFI as well? I think you said you were, right? 18 19 Yes, NAFI, National Association Α. 20 of Fire Investigators, yes. 21 Have you published any peer Q. 22 review articles on origin and cause of fire 23 of investigations? 24 A. Yes. 25 Q. You would consider the NFPA 921



Page 54 J. KARASINSKI 1 2 to be the authoritative and accepted guide 3 on the subject of fire investigation, right? 5 A. Yes, I would consider NFPA 921 6 as a quide, yes. 7 Would you consider it as an authoritative and accepted guide? 9 Well, it's the best guide that 10 we have right now to follow currently and it's peer reviewed as -- and reviewed by 11 12 multiple experts all over the country. 13 Q. So is it not authoritative? 14 It is authoritative, yes. Α. 15 And is it not accepted? Q. 16 Α. It is a generally accepted 17 quide, yes. 18 Q. Okay. So you would say it is 19 authoritative and accepted guide? 2.0 Α. Yes. 21 The same question in respect Q. 22 Kirk's Fire Investigation, would you 23 consider that an authoritative and accepted 24 quide on the subject of fire investigation? I would consider that a 25 Α.



Page 55 J. KARASINSKI 1 2 resource, not a guide. 3 Q. Would you consider it an authoritative and accepted resource? 5 Α. I would consider it a resource, not authoritative. 6 7 So you wouldn't consider Kirk's Fire Investigation to be authoritative? 9 I would -- we use that 10 regularly and we use that as a resource 11 when we're investigating fires or we want 12 to research something that we're not aware 13 of or something that might be published. 14 We use a lot of resources. We use Kirk's, 15 we use the Ignition Handbook, we use NFPA 921, we use NFPA 1033. There are multiple 16 17 sources that we use, I don't know that I 18 would call them authoritative, you know I would consider NFPA 921 based on its listed 19 20 as a guide and I would not -- and I'd say 21 it's advisory, right, you know. If I'm 22 going to go do a room and contents fire I 23 don't need to review the wild lands 24 chapter. 25 Q. Okay. So I understand what



- J. KARASINSKI
- 2 you're saying, not every section of every
- 3 treatise is going to be relevant to your
- 4 inquiry and perhaps the word authoritative
- 5 is the reason for your objection to the
- 6 question. So is it fair to --
- 7 A. Let's just say advisory, not
- 8 authoritative, that's all.
- 9 Q. Is it fair to say that Kirk's
- 10 is a generally accepted guide or treatise
- 11 on fire investigation?
- 12 A. Again, I would say Kirk's is a
- 13 resource that we use on a regular basis
- 14 with other resources.
- 15 Q. But you can't say one way or
- 16 another what other fire investigators like
- 17 yourself would consider it to be generally
- 18 accepted?
- 19 A. Well, you still have to, you
- 20 know, analyze what they're saying and
- 21 whether that's correct or not. I mean,
- 22 that's why when we talk about 921 as a
- 23 advisory document, right, that's a peer
- 24 review document and that goes out to public
- 25 comments, so anybody that's in fire



1	J. KARASINSKI
2	investigation can make a comment to change
3	something in NFPA 921 or make a correction
4	if something is incorrect, or the amount of
5	testing and forensic science that we do in
6	the field might prove something to be
7	incorrect in 921 or incorrect in Kirk's or
8	incorrect in the Ignition Handbook. So you
9	still have to be able to analyze that data
10	and determine if that's accurate or not,
11	because it may not be accurate and maybe
12	that test has never been completed before
13	and then you do the test and say, okay,
14	that's not correct, right. So and when you
15	have experts and they've never sent in a
16	request or proposal to make a change or
17	send a letter to Kirk's and say I'm not
18	really sure about this statement that
19	you're making here, you know, have you
20	tested this or this and that. So that's
21	why 921 being a guide and advisory and
22	being peer reviewed, that's the best guide
23	that we have in our industry right now to
24	follow and utilize. But, again, that's why
25	I'm here at this meeting, right, in on



Page 58 J. KARASINSKI 1 2 the west coast, we're here to make changes, 3 we're here to review public input, we're here to review what needs to be added or is 5 this incorrect or is this wording incorrect. So to me, that's more important 6 7 to me than it as a peer reviewed document than you saying that it's authoritative. would just say it's advisory and we use it 9 10 as a resource. 11 See, I was trying to back off Q. 12 the word authoritative so I was trying to 13 say generally accepted --14 Α. Oh. 15 -- but I was thinking -- was 16 that okay to use --17 Yeah, generally accepted is 18 fine, but authoritative --19 So you would say NFPA 921 and 0. 20 Kirk's are generally accepted; is that fair 21 to say? 2.2 That's fair to say. 23 Q. Okay. And I understand your 24 testimony is that fire is an ever evolving 25 field, we know the NFPA is -- you know, and



Page 59 J. KARASINSKI 1 2 Kirk's are revised on an annual basis and 3 there's -- you know, it's an ever moving target; is that fair to say? 5 Α. Yes. 6 Q. Okay. 7 I wouldn't say -- I guess I wouldn't say target but we want to make it correct, right, it's not a target but we 9 10 want it to be accurate. 11 Understood. Q. 12 A. People are utilizing that to 13 follow the scientific method and come to an 14 hypothesis, we need to make sure that we 15 are the most current edition, is the most 16 current in fire signs in what we know know 17 today. And in four years from now what 18 we're working on for the next edition, 19 we're making changes of things that we're 2.0 finding that are not correct or testing has 2.1 shown that that statement's not right and 2.2 we have to revisit that and revise that to 23 the most current fire science-related 24 issues that we have. 25 Q. But now -- and I don't want you



- J. KARASINSKI
- 2 to have to do your whole conference
- 3 presentation right now but is there some
- 4 subject that is at the forefront this year
- 5 in respect to revisions? Like, some
- 6 section of 921 that had been generated the
- 7 most in discussion, the most comments,
- 8 anything like that?
- 9 A. So yesterday we worked on
- 10 Chapter 29, which is the Marine chapter,
- 11 that chapter needs a lot of work, and we
- 12 did a lot of public inputs with that
- 13 chapter. I was a member of that task
- 14 group. Yesterday we also did the Vehicle
- 15 Fire chapter and there were a lot of public
- 16 inputs on that. And the Vehicle chapter,
- if you haven't looked at it, doesn't really
- 18 include a lot of information on electrical
- 19 vehicles and battery-operated vehicles, so
- 20 there was a lot of stuff that we're adding
- 21 as manufacturing changes, right. We go
- 22 from -- depending who you like, Biden or
- 23 Trump, are we going to have a gas vehicle
- 24 or are we going to be required to ride in a
- 25 battery vehicle. So, you know, as those



Page 61 1 J. KARASINSKI 2 battery vehicles evolve and change with 3 design and manufacturing, we need to make sure that we stay up on those issues, not 5 only from a fire cause but as well as a 6 safety issue. 7 Are there any revisions or comments that are being contemplated at the conference that pertain to your work in 9 10 this case -- the reports that you wrote in 11 this case? 12 No, not that I'm aware of. 13 Q. So you're not aware of any of 14 the sections that you cite are currently 15 under discussion for revision? Well, we're in the public input 16 17 stage --18 Q. Okay. 19 -- right now so we're making --2.0 the committee is reviewing those public 21 inputs and either approving those public 22 inputs to be added into NFPA 921 or to make 23 those changes and then that will go back 24 out for public comment once we either 25 approve or do not approve or reject a



- 1 J. KARASINSKI
- 2 public input and then those individuals
- 3 that supplied that public input, they have
- 4 an opportunity then to comment back on us
- 5 if maybe we didn't under what their public
- 6 input comment would be. So as it pertains
- 7 to this case, I am not down there so we
- 8 have not done -- I am the task group chair
- 9 for the electrical chapter, as well as the
- 10 arc mapping chapter, which is Chapter 6,
- 11 Fire Patterns, but we have not gotten to
- 12 those sections yet so I'm not aware of what
- 13 those public inputs would be because I'm
- 14 not sitting down there at this point.
- 15 Q. Okay. Yeah, I appreciate that.
- 16 Only reason I ask is you cite all the
- 17 various sections in the NFPA, obviously
- 18 you're siting the most recent version so if
- 19 one of these were to be, you know,
- 20 currently being revised, it might be
- 21 relevant to your report. But your
- 22 testimony today is that the public comment
- 23 section of the conference is still going on
- 24 so you don't even know what the changes
- 25 might be being suggested, contemplated



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                   J. KARASINSKI
    until you get to that -- to the point where
2
3
    they've all been received; is that fair to
4
    say?
5
         Α.
               Correct, and this meeting goes
6
    through Friday so lots for us to review.
7
         Q.
             I'm going to put up as
    Exhibit 1 your report in this case.
9
               (Whereupon, October 14, 2024,
10
          report was marked as Defendant's
          Exhibit 1 for identification as of
11
12
         this date by the Reporter.)
13
         Q. Can you see that, Mr.
    Karasinski?
14
15
         A. I can. Can you make it bigger
16
    on your screen or can I look at my paper
17
    copy here?
18
         Q. Yeah, and you can feel free to
    look at your paper copy at any time. Is
19
    this better?
2.0
21
         A. Oh, that's better, yeah. No,
2.2
    that's fine.
23
         Q. Everything is blown up, like, I
24
    only have four lines on here at a time.
25
               Okay, so I've marked as
```



Page 64 1 J. KARASINSKI Exhibit 1 your expert disclosure which 2 3 comprises your report in this matter, together with your CV and references and I believe you said you have this document 5 with you right now? 6 7 Yeah, I have the paper copy, yes. And I have that paper copy of my CV 9 with me that you'll have to put that up on 10 the screen. 11 Ο. Okay. So the report that I 12 have put up on the screen here, is that 13 your October 14, '24 report in this case? 14 Can you just scroll down, I 15 only see --16 Yeah, sure. I'm just going to 17 scroll down a little bit and tell me to go faster or slower. 18 19 Oh, actually scroll up, you 20 mentioned the date, I just wanted to verify 21 that date. 22 Okay. Q. 23 A. Yeah, I'm good. That is my 24 report, yes. 25 Q. So for our purposes if we refer



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1
                   J. KARASINSKI
    to your report, it's going to be the one
2
3
    we've marked as Exhibit 1, your October 14,
    '24 report, okay?
5
         Α.
            Yes.
6
              I'm going to mark as Exhibit 2
7
    your rebuttal report.
               (Whereupon, rebuttal report was
         marked as Defendant's Exhibit 2 for
9
         identification as of this date by the
10
11
         Reporter.)
12
         Α.
            Okay.
13
         Q.
              Dated December 31, '24. Do you
14
    see that?
15
         Α.
            Yes.
16
         Q. So is this your December 31,
17
    '24 rebuttal report?
18
         Α.
              Appears so, yes. Without
    reviewing the entire document, yes.
19
           So if we refer to the rebuttal
20
         Q.
21
    report it's going to be the one we just
22
    identified here as Exhibit 2, is your
23
    December 31, '24 report. Okay?
24
         A. Okay.
25
         Q. Did you do any work of
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Page 66 1 J. KARASINSKI 2 significance that is not reflected in the 3 two reports we've marked as 1 and 2? I guess I don't know what you mean by significance. 5 6 Significant to your opinions. Q. 7 No. Not significant, no. Did you incur any expenses of Q. 9 significance that are not reflected in your 10 billing records? 11 Our billing records should be Α. 12 up to date except for my prep time and my 13 depo time today that gets invoiced to you. 14 Did you incur any expenses that Q. 15 you know of in this case beyond your time 16 and things of that nature? 17 I mean, when you say expenses, 18 yeah, I mean, we bought totes and things of 19 that nature to collect the evidence, so I 2.0 have expenses on the case that I've been 21 reimbursed for. 22 Yeah, that's my question. 23 we're talking evidence collection materials, did you pay any lab fees? 24 25 A. Well, I own the lab so there



Page 67 J. KARASINSKI 1 2 are no lab fees. 3 Ο. Did you pay -- was there any other travel expenses or anything like 5 that? 6 Just to go back and forth to 7 the scene and back. No, otherwise I have not had to travel for this. I guess the 9 only expense, we did not have a CT at the 10 time of this loss back in 2020 so I would 11 have had that expense to send that out to a 12 company to have the computer CT'd, so that 13 would be an expense. But we have our own 14 CT now in-house so that wouldn't be an 15 expense moving forward. 16 Okay. I'm going to put your 17 report back up and we'll go to your CV 18 here. Going back to Exhibit 1 and turning 19 to page 51 of your report, which is the 20 beginning of your CV. Do you see that Mr. 2.1 Karasinski? 2.2 Yes. Α. 23 Okay. So your CV is beginning 24 on page 51 and it goes -- I'll scroll down 25 to the bottom just so you can see where it



Page 68 J. KARASINSKI 1 2 ends on page 64. So with the understanding 3 that this was your CV as of October 14, '24, was it current as of that date? 5 At the time I wrote the report it was current, but I believe you were sent 6 7 the most updated version of my CV yesterday. 9 Q. Okay. 10 Α. As of Monday of this week. I don't know if I have that. 11 Ο. 12 Well, we'll take a look on our next break. 13 MR. SCHWARZ: I e-mailed it to 14 you yesterday. MR. LEVITES: Must missed that, 15 16 Steve. I'll take a look. 17 O. But before we look to the updated CV, do you know off the top of your 18 19 head is there any meaningful updates between October 14th and now? 2.0 21 A. No, it would just be training 22 or if I presented a class. 23 Okay. Then you have at page 53 Q. 24 of your report it begins a list of 25 testimony, it continues through to page 54.



Page 69 J. KARASINSKI 1 2 Do you see that, Mr. Karasinski? 3 Α. Yes. So looking at this list, do you Q. 5 know how many of these cases you were 6 retained on behalf of the plaintiff? 7 You mean Firachi Lane (phonetic) or just in general plaintiff versus defendant? 9 10 Q. Just in general, plaintiff 11 versus defense. 12 Okay. Well, some of them are Α. 13 actually criminal cases too, so ... 14 Okay. So --Q. 15 We handle first-party plaintiff and we handle defense, we're probably 60/40 16 17 plaintiff work versus defense work, and 18 when I say plaintiff work, that's 19 subrogation as well, right, not like 20 personal injury cases. 21 Understood. Do you do more Q. 22 subrogation or personal injury when -- in 23 respect of the -- your consulting? 24 Α. I would say we're probably 25 60 percent subrogation plaintiff work and



Page 70 J. KARASINSKI 1 2 the other 40 percent is defense work. We 3 represent multiple manufacturers countrywide. 5 On your list of testimony here, are any of these active matters? 6 7 You're kind of scrolling a little fast for me, hold on. What page is 9 that? 10 Q. I'm sorry. 11 Α. No, that's all right. 12 Q. It's page --13 Α. I'm not a fast reader. -- 54 and this -- I can show 14 Q. 15 you what's here on the screen now is all of 16 the cases on page 54 and then there's just 17 one extra one on the bottom page 53. So I'll just leave this page 54 up so you can 18 see all of these cases. 19 20 Yeah, I believe that the last 21 case that I just -- yeah, that one. 22 believe that one has settled so I think all 23 these are closed matters. 24 Q. Okay. So the only one that 25 might have been active is this EDNY case



Page 71 J. KARASINSKI 1 2 ending 5/21 but you believe that I recently 3 settled? Yes, I believe that settled. 5 Q. Could you briefly give me a 6 summary of what products -- in the cases 7 that involve products here, which products were involved? 9 So the one that just settled 10 that involved a FPDU -- and if you don't know what that is, that is a -- that is 11 12 what you all calls a outlet that has USB 13 ports in your furniture is called an FPDU. Yeah, I've testified on arson cases, I've 14 15 testified in criminal cases, I've testified 16 at Grand Jury. 17 Ο. So you mentioned one case 18 involved FPDU and then you had some cases 19 that involve intentionally set fires, were 20 any of the other cases on this list involve 21 products? 22 Well, yeah, I mean, if we're --23 if it's a subrogation case then we're 24 obviously looking either at a product or a 25 person that may have been at fault for



Page 72 J. KARASINSKI 1 2 causing the fire, whether it's, you know, a 3 contractor or subcontractor or potential product failure. 5 Do any other products jump to mind from this list or would you need to go 6 7 back to your --I would -- yeah, I would have to go back to the files. I know the one --9 10 the federal court in Kentucky, that was a vehicle electrical fire. I recently 11 12 testified in Buffalo, New York, that's on 13 there too. That was a big steel factory 14 fire that occurred in Buffalo, but I would have to go back and look. The state of 15 16 Illinois, I think that was a dust 17 explosion. County of Onondaga, I believe 18 that was an arson case that I testified to. 19 The rest I would have to look, I'm sorry. 20 Oh, no, thank you for going 21 back pretty far from memory. And again, 22 with the understanding that you may have to 23 look back at your records to give a 24 definitive answer, do you know if any of 25 these cases involve notebook batteries?



Page 73 J. KARASINSKI 1 2 Α. No, none of these cases involve 3 notebook batteries. How about lithium ion Q. 5 batteries? 6 A. Yes, I have testified on cases 7 with lithium ion batteries. Which of the cases was lithium 0. 9 ion battery case? 10 A. The New Hampshire case 11 involved a -- and I think I'm under a 12 confidential agreement because it settled, 13 so I just won't say the product name, but 14 that was a torpedo heater that was both you 15 could plug in or have batteries that would 16 run the torpedo heater. Q. Okay. That had 18650 cells? 17 18 Yes, you would be able to plug 19 in a battery pack to that unit to run it 2.0 that would involve -- that is energized by 21 18650s if you're not utilizing the power 22 from an structure to energize it. 23 Was it your opinion in that Q. 24 case that the torpedo heater failed and 25 caused a fire?



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Page 74
1
                    J. KARASINSKI
2
               It was, yes. Well, let's
3
    rephrase that. When you say failed, that
    product -- again, reviewing warnings -- was
    recalled because the product when you have
5
6
    lithium ion batteries in it and you set the
7
    thermostat, that product could -- that
    torpedo heater could come on when people
9
    were not present. So you could walk by
10
    that product and think it's off, because
11
    it's not running, but the thermostat would
12
    be set and if you had -- if you were
13
    energizing that unit with the batteries,
14
    that thermostat could call for that unit to
15
    turn on when you're not there, when the
   thermostat calls for heat was the actual
16
17
   recall.
18
               So essentially the torpedo
19
    heater was kicking on unattended and that
2.0
    was the --
21
         A. Yes.
22
               -- that was what started the
         0.
23
   fire?
24
         Α.
              Yes.
25
         Q. Okay. So it wasn't a thermal
```



Page 75 J. KARASINSKI 1 2 runaway of the --3 A. Of the cells, no, no, no. Q. It was the recall, the reason 5 for the recall was the reason for the fire? A. Yes. 6 In all these cases, did you 7 render a formal written report in all of 9 them? 10 A. I would say yes. I wouldn't 11 have written a report, like, for testifying 12 at a Grand Jury hearing or a criminal case. 13 Q. Understood. 14 Yeah, okay. Α. 15 All the civil matters in your 16 report would have been anticipated, it's 17 fair to say that you prepared a report in those cases? 18 19 A. Yes, I would have authored a 20 report, yes. 21 Q. Okay. Was there any case in 22 which you concluded the building electrical 23 system was the cause of the fire --24 A. Oh, of course. 25 Q. -- among these cases here?



Page 76 J. KARASINSKI 1 2 Among these cases here I don't 3 think any of them were structural electrical causes. 5 So when you say that you had 6 concluded the building electrical system 7 caused the fire in previous instances are you referring to your work back in Liberty? 9 Well, no, our office -- our 10 firm gets anywhere from 900 to 1,200 cases 11 a year, so we deal with electrical issues 12 pretty much on a weekly basis. Just if 13 you're asking on these specific cases that 14 I testified in court or written a report, 15 are any of these due to electrical issues, 16 I'm not aware without reviewing all of 17 them, but we deal with electrical issues on 18 a weekly basis on other fires. 19 So you have concluded that in Q. 2.0 other cases that the cause of fire was the 21 building electrical system but you can't 22 say without going through your files 23 whether any of these cases listed here that was the case? 24 That would be a fair statement, 25 Α.



Page 77 J. KARASINSKI 1 2 yes. 3 MS. LEVITES: We do have the video backup right, Ms. Schweke? 5 THE REPORTER: Yes. MR. LEVITES: Okay, if we could 6 7 just refer to that for all but the most critical questions that would be 9 very helpful because I know that Mr. 10 Karasinski has a very busy week and 11 we have a lot of his reports to go 12 through so I'd appreciate that. 13 Q. So I think I still have your CV 14 up here. You already told me, I think, 15 that there's nothing significant since the date of this CV in October of '24 except 16 17 perhaps some presentations or instructions 18 you presented? Presentations or if I attended 19 20 a seminar, yes. 21 Right. Is there anything in Q. 22 this CV that you -- as you sit here today 23 that you know is either inaccurate or 24 incorrect that you'd like to clarify? 25 A. Not that I'm aware of, no.



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Page 78
1
                   J. KARASINSKI
2
         Q. Is there anything you consider
3
    of import or significance the opinions you
    rendered in this case that's not in your
5
    CV?
6
              Not that I'm aware of, no.
         Α.
7
         Q. Do you know how much you've
    billed to date on the file?
9
           Oh, Counsel, I have no idea.
10
         Q.
              Do you know how many hours
11
    you've worked?
12
               No, I've not reviewed any
         Α.
13
    billing, I don't handle billing.
14
         Q. Would you say it's more than
15
    20 hours?
16
        A. Oh, absolutely. Since 2020,
17
    yes.
            More than 50?
18
         Q.
         A. I would say you're probably
19
20
    getting close.
21
         Q. Okay. So around 50; is that
22
    fair to say?
23
               That would be an estimate.
         Α.
24
         Q.
              That would be an estimate with
25
   understanding you don't have your bills in
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Page 79 J. KARASINSKI 1 2 front of you? 3 Α. Yes. Without telling me the Q. specifics of how you came to be retained by 5 6 Attorney Schwarz and his firm, could you 7 just tell me generally were you contacted directly by his office, were you referred by someone else, was there some other way 10 that you came to be retained in this case? 11 I have been doing work for 12 Faraci Lange for several years, not a lot 13 of work, maybe one assignment maybe a year, 14 maybe two, so it's not a big client but we 15 do handle their work. You would typically get 16 17 outreach directly from the firm because you worked for them in the past? 18 Yes. On this case Matt 19 20 Belanger is the one that contacted myself 21 to see if I could assist with the fire 22 investigation in this matter. 23 You said you worked with Faraci 24 Lange one or two cases a year over the last 25 four or five years was it?



Page 80 J. KARASINSKI 1 2 Yeah, I would say that's a fair 3 statement. I don't know how long but we --I mean 2020, so that's five years, so I 5 would say we started maybe six or seven years. Probably handled maybe five to seven cases for them in total. 7 Did any of those cases involve 9 notebook computers other than this one? 10 Α. I don't think so, no. 11 Lithium ion batteries, do any Q. 12 of those cases involve lithium ion 13 batteries? 14 I don't recall if any of them involved lithium ion batteries. We just --15 16 we handle so many -- I mean, you see it on 17 the news, lithium ion batteries get blamed for a lot of stuff so I don't recall if we 18 19 handled any lithium ion battery losses for 2.0 them, except for this case. 21 Then we talked about -- we went 22 through your list of cases, were the ones 23 that you were able to recall the products, 24 were any of those Faraci Lange cases? 25 A. Can you repeat that question,



Page 81 1 J. KARASINSKI 2 I'm sorry? 3 Q. Yes. So we looked at your active list of testimony at page 53 and 54 5 here and you were able to recall a few of 6 the products that were involved and my 7 question is, for those cases, which I believe there was the torpedo heater, there 9 was the vehicle electrical fire, there's a 10 dust explosion, arson case and the steel factory fire and an FPDU case, so among 11 12 those cases, do you remember if any of them 13 were for Faraci Lange? 14 No, none of those cases were 15 for Faraci Lange. 16 Sorry, go ahead. 17 No, none of those cases as it 18 pertains to my expert testimony, none of 19 those cases were for Faraci Lange. 2.0 Q. Do you remember what the 21 product were in those other five or 22 six cases you worked with Faraci on? 23 Oh, I have a current explosion 24 case for them, I've handled a space heater 25 fire case from them that settled where



- J. KARASINSKI
- 2 there were multiple fatalities, handled a
- 3 lawnmower case for them. I think that's
- 4 it. And then this case.
- 5 Q. Okay. So explosion case in
- 6 that one, you don't know what caused it
- 7 yet, fair to say?
- 8 A. We haven't finished our scene
- 9 exam yet, we were waiting for the snow to
- 10 melt.
- 11 Q. Okay. Then there's the space
- 12 heater case and the lawnmower case and you
- 13 can't remember any others other than that?
- 14 A. Not off -- no, not off the top
- 15 of my head.
- 16 Q. So we have up here your report
- 17 marked as Exhibit 1, we have your rebuttal
- 18 that we marked as Exhibit 2, are there any
- 19 other reports out there that set forth your
- 20 opinions or findings that are supplemental
- 21 or different from these reports?
- 22 A. No.
- 23 Q. Maybe this is a good time to
- 24 take a break, we've been going for
- 25 90 minutes.



```
Page 83
1
                    J. KARASINSKI
2
         Α.
                Sounds good to me, I was just
3
    going to ask for a break.
4
                (Whereupon, a break was taken.)
5
         Q.
                So, Mr. Karasinski, I'm going
6
    to turn to page 47 of your report, as I
    indicated previously, you're free to follow
7
    along on your paper copy if that's better.
9
    I'm going to try to blow this up so you can
10
    see everything.
11
         Α.
               Okay.
12
               So you see they're a section
         Q.
13
    that begins Conclusion, there?
14
               Yes.
         Α.
15
             Then there's three paragraphs
    that follow there. Is it fair to say that
16
17
    these three paragraphs represent summary of
18
    your opinions in this case?
19
         Α.
               Just let me read it real quick,
20
    sorry.
21
         Q.
               Yes.
22
               Yes, that's a fair statement,
23
    that's a summary.
24
         Q. Okay. Do you have any opinions
25
    of significance that are not summarized on
```



Page 84 J. KARASINSKI 1 2 pages 47 and 48 there? 3 I do not know. Α. 4 Did you do any work of Q. 5 significance in reaching your opinions on 6 pages 47, 48 that isn't reflected your 7 report? Can you repeat that question? 9 I'm sorry, I was trying to put this back in 10 order and I couldn't hear. 11 No problem. My question is, Q. 12 did you do any work with any significance 13 in reaching your opinions on pages 47 and 14 48 that are not reflected in your report? 15 No, not of significance, no. 16 Now, you understand that the 17 notebook at issue is a Hp Pavilion Dv6, 18 correct? I don't recall the model but I 19 20 know it was an Hp Pavilion. 21 Okay. So you understand it to Q. 22 be an Hp Pavilion at least? 23 Yes. Α. 24 Q. So for ease of reference today 25 when I talk about the Pavilion, I'm going



Page 85 J. KARASINSKI 1 2 to be referring to the model of the 3 computer and when I refer to the Marcillin notebook, the one that she had, I'm going to call that the Marcellin notebook. Is 5 that okay? 6 7 Α. Okay. With respect to the Marcellin 9 notebook, do you know when it was 10 manufactured? 11 When you say the notebook, is Α. 12 that the one that she claimed was in 13 storage in the closet? 14 O. No, the Marcellin notebook 15 meaning the Pavilion notebook that she had. I don't know -- I don't know 16 17 how long she had that, I don't recall. 18 Q. Okay. 19 A. It maybe somewhere in my notes. 2.0 Q. If I told you it was 21 manufactured in December 2010, does that 22 refresh your recollection at all? 23 That sounds about right. 24 Q. The materials you reviewed in 25 your report are listed here at page 2.



	Page 86
1	J. KARASINSKI
2	A. Okay.
3	Q. Is that correct?
4	A. That's correct, yes.
5	Q. Then you have scientific
6	references here at page 50?
7	A. Yes.
8	Q. Is there anything you reviewed
9	in preparation of your report here marked
10	as Exhibit 1 that's not referenced on
11	pages 2 and 50 in your report?
12	A. No.
13	Q. You state in page 2 that you
14	examined you personally examined the
15	scene on February 27, 2020; is that
16	correct?
17	A. It appears that way, yes.
18	Q. Do you remember doing that?
19	A. Yeah, you have at the scene. I
20	don't remember the exact date about if it's
21	2/27/20 it should be accurate.
22	Q. You know it just occurs to me
23	that the world changed pretty dramatically
24	shortly after this exam, didn't it?
25	A. Actually, it was right in the



- J. KARASINSKI
- 2 middle of this exam, it was COVID, yeah.
- 3 Q. So you were already masking up
- 4 at the exam or at least thinking about it
- 5 perhaps?
- 6 A. Yeah, I think New York was
- 7 still essentially shut doubt per our
- 8 wonderful governor.
- 9 Q. Wow. So what generally did you
- 10 do during that examination? I know there
- 11 were a lot of people but what were your
- 12 activities in the general manner?
- 13 A. So when we got there initially
- 14 when we do our joint scene exams we'll go
- 15 through and give a background, that
- 16 background was actually given by Jeff
- 17 Luckey, the local fire investigator, and
- 18 then the other investigator that was there
- 19 from NEFCO, I believe, Brian is his first
- 20 name, I don't remember his last name but it
- 21 would be on the sign-in sheet, gave his
- 22 background because he did his initial exam
- 23 before the parties were put on notice. And
- 24 then after that takes place we -- at that
- 25 point Greg Gorbit [phonetic], who was there



1	J. KARASINSKI
2	for you all, requested that he be able to
3	do a Matterport. While Greg was doing his
4	Matterport everyone else went along with
5	their business and did their exterior
6	photos and inspection and then we waited
7	for Greg to finish. Once Greg was done
8	doing his Matterport scan of the structure,
9	then all parties were allowed back into the
10	property to get their overall photographs
11	of the interior of the structure, and then
12	once everyone was done with the interior of
13	the structure, we would then reconvene back
14	outside and give a brief description on the
15	next steps on how we were going to handle
16	the removal process of any evidence, as
17	well once we did that, we went back in. At
18	that point all parties agreed that the room
19	of origin was the office so we processed
20	the evidence in the office space with photo
21	documentation, as well as evidence tents
22	for collection, we collected that evidence,
23	we traced circuits to identify which
24	breaker was tripped in the panel box within
25	the structure, we packaged the evidence.



Page 89 J. KARASINSKI 1 2 Greg did ask that we lay out the evidence 3 in the garage for him to take better photographs of, we did that for Greg, and 5 we collected the evidence and we left, and then we attended a future lab exam at our 6 7 facility in Sodus Point, New York, at a later date. 9 Q. So that was a very helpful 10 summary, thank you for that, Mr. Karasinski. 11 12 Now, did you perform any tests 13 in arriving at your conclusions in 14 preparing this report? 15 I guess what do you mean by 16 tests? 17 Q. Did you personally test 18 anything? 19 At the scene or just do you Α. 20 mean in general? 21 Q. At the scene or in general. 22 Still at the scene? I'm sorry, 23 I didn't know if we were still at the scene 24 or at the lab exam. 25 Q. Either.



Page 90 J. KARASINSKI 1 2 Yeah, so I mean tests are 3 completed throughout the entire thing. would consider using a meter to test to 5 determine what breaker it is, so we tested 6 that at the scene. I would consider that 7 nondestructive, we're not manipulating anything. And then any testing we did with 9 the Keyence, CT and then, you know, 10 anything that involved after the testing of the laptop, again, that was outside the 11 12 scope of my investigation, that's not why I 13 have retained, so ... 14 Sorry, you said Keyence? Q. 15 Keyence is 3D microscopy. 16 Okay. So you used a meter at 17 the scene on the breaker, you did the 3D 18 microscopy and you did the CT scan, is that 19 fair to say that comprises the tests you did --2.0 21 Yes, we did CT -- we did CT 22 scanning as well as X-rays, so I would 23 consider all that testing. 24 Yes. X-rays are certainly 25 testing as well, right?



Page 91 1 J. KARASINSKI I'm sorry, say again? 2 Α. 3 I said X-rays are certainly Q. testing as well, correct? 5 Α. Yes, yes. 6 Okay. So we had the meter at Q. 7 the scene, 3D microscopy, the CT and the X-rays, were there any other tests that you 9 did? 10 Α. I'm not the aware of what other 11 testing they may or may not have done with 12 the laptop at the lab exam. They may have 13 taken voltage readings of any remaining 14 cells and things of that nature, but again, 15 that was not -- that's not -- was outside 16 my scope so ... 17 Q. Are you familiar with Linden's Handbook of Batteries? 18 What did you say, Linden? 19 Α. Linden's Handbook of Batteries? 2.0 Ο. 21 Α. I'm not familiar with that. 22 Did you do any battery failure Q. 23 analysis in this case? 24 Α. Again, that was outside my 25 scope, Counselor, I didn't do any of the



Page 92 J. KARASINSKI 1 2 battery or computer testing whatsoever. 3 Okay. That would have been Dr. Ο. Martin? 5 That would have been Steve Α. Martin, yes/ 6 7 Q. What's a counterfeit battery pack to you? 9 Α. Non-OEM battery pack. 10 Q. Is there any distinction 11 between a non-OEM battery pack --12 Well, to me an OEM battery pack Α. 13 I would define that as approved and 14 manufactured by the manufacturer of the 15 actual item that it's being used it. 16 Okay. Q. 17 So if it was purchased and it's 18 knockoff non-OEM I would say then that's a 19 subsequent non-OEM battery that was 20 purchase from another entity. Q. Is there any distinction in 21 22 your mind between an unauthorized battery 23 and a counterfeit battery? Not in my mind, no, but again, 24 25 that's outside my scope. That probably be



Page 93 J. KARASINSKI 1 2 a better question for Mr. Martin. 3 As of the date of your Ο. laboratory exam in October 2020, were you aware that the cells in the Marcellin were 5 6 not original to her Hp product? 7 I believe we were under the impression at the scene exam that it may 9 not have an OEM battery pack but we had no 10 receipt to the confirm that so we 11 weren't -- I don't think we were able --12 when I say we, when the lab inspection 13 occurred, I don't think we were for sure 14 yet or could make that opinion, but at the 15 lab exam I think it was determined by all 16 parties that it was a non-OEM battery pack. 17 Ο. So at least by the day after 18 the laboratory exam, October 27, 2020, you 19 came to understand at least by that date 2.0 the cells on the Marcellin notebook at the 21 time of the fire were not original to her 22 Hp product? 23 Yes, that's a fair statement. 24 I think that based on the assistance from 25 the Hp expert that was on site, as well as



- J. KARASINSKI
- 2 the other battery expert that was at the
- 3 inspection -- at the lab inspection, I
- 4 believe they were able to make that
- 5 determination. Or confirm it I quess would
- 6 be a better word.
- 7 Q. Would you agree that at the
- 8 time of the fire Ms. Marcellin's notebook
- 9 was not in the configuration that it was an
- 10 originally sold to her?
- 11 A. You're going to have to
- 12 rephrase that. I don't know what you mean
- 13 by configuration. Configurations meaning
- 14 how it's sitting on the armoire or the
- 15 desk?
- 16 Q. Okay, yes, I meant --
- 17 absolutely. I mean configuration in the
- 18 sense that, you know, the installed
- 19 components and the like.
- 20 A. We were under the impression
- 21 that she believed she purchased a battery
- 22 for it, but at that point we did not have
- 23 the receipt or know if that battery was
- 24 actually in that laptop until the lab exam.
- 25 Q. But as you sit here today you



Page 95 1 J. KARASINSKI 2 agree that the laptop at the time of the 3 fire was not in the condition it was originally sold? 5 With a replacement battery, 6 yes. 7 Q. Do you have any knowledge about any other alterations that might have been 9 made to the computer from the time it was 10 made by Hp to the time of the fire? 11 I have no knowledge of any Α. 12 alterations except for the replaced 13 battery. 14 Q. Did you do anything to 15 ascertain if there are any other 16 alterations? 17 A. That would be a question for 18 Mr. Martin. Ms. Marcellin stated she never 19 Q. 20 replaced the battery, right? 21 Well, when you say, like, her, Α. 22 like, physically replacing it or you mean 23 purchasing it? Yeah, I don't know actually 24 put the battery back in to the laptop. I'm 25 assuming it was her but I don't know who



Page 96 J. KARASINSKI 1 2 did that. 3 But you didn't ask her, right? Q. 4 Well, we asked -- the local 5 investigator asked her, he's the one that advised that she believed that she 6 7 purchased a new battery or for it, but again, we weren't able to confirm that until we actually removed the battery from 9 10 the unit in question at the lab exam. 11 Do you know if the Pavilion was Ο. 12 UL listed? 13 I would have to go back to my 14 photographs to look at the stickers. 15 Well, what is a UL listing? 16 Underwriters Laboratories, that 17 it meets United States government 18 qualifications and safety recommendations 19 and things of that nature. 2.0 Q. Do you what UL standards govern 21 consumer electronics like the Pavilion? 2.2 Which standards, I don't recall 23 which ones exactly, no. Do you recall if the battery 24 Q. 25 pack that was original to the Marcellin



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1 J. KARASINSKI

2 notebook was UL listed?

A. I don't know that we've ever

4 seen the original battery pack for that

5 computer.

6 Q. Do you know what --

7 A. I would presume it is but I've

8 never seen it so I can't say 100 percent

9 without actually physically inspecting the

10 battery.

11 Q. Do you know if UL standards

12 govern lithium ion battery packs?

13 A. That would be a question for

14 Mr. Martin, I did not review that before

15 this deposition.

Q. Do you know what tests are done

17 under the UL standards to battery packs?

18 A. I have a general understanding

19 of those, but again, I didn't review that,

20 that would be more that was outside my

21 scope, so that would be more of a question

22 or Mr. Martin.

23 Q. So with the understanding that

24 the question better directed to Dr. Martin

25 expertise, what's your general



Page 98 1 J. KARASINSKI 2 understanding of the tests that are done 3 with battery packs under UL? 4 So it would take measurements 5 voltage, it would look at the battery 6 management system to confirm that it's 7 probably -- it has the correct safety design to it and that it meets -- based on 9 the construction and the design, that it 10 meets the UL standard. 11 Do know what specific tests Q. 12 they do to a battery to confirm that? 13 Α. I'm not familiar with that, I did not review that and that would be a 14 15 question for Mr. Martin. 16 Q. Okay, that's helpful because I was just about to ask about specific tests 17 18 19 I knew you were -- I knew where Α. 20 you were going. 21 You're not going to testify Q. 22 about the Ogden test or the projectile test 23 or anything like? 24 Α. No, sir. 25 Q. Is that something that Dr.



Page 99 J. KARASINSKI 1 2 Martin would know about? 3 A. Yes. 4 Q. Do you know the ambient 5 temperature that a 18650 cell would go into 6 thermal runaway? 7 I believe some of the documents I've seen is anywhere from 300F to 500F I think is what I've seen before. 9 10 Q. Do you know what industry of 11 standards apply to rechargeable batteries 12 for notebook computers back in December of 13 2010? 14 A. Again, that's outside my scope, 15 that would be Mr. Martin. 16 Do you have any familiarity with the IEEE standards? 17 18 I know of the IEEE standards, I didn't review those. 19 20 Q . Okay. 21 Α. Again, that would be Mr. 2.2 Martin. 23 Q. What's an exemplar? 24 Α. Well, there's two terms that 25 people use loosely in the industry is



- 1 J. KARASINSKI
- 2 exemplar and a comparison, so to me an
- 3 exemplar would be an exact duplicate, a
- 4 comparison would be something that is
- 5 similar if we can't find the exact make,
- 6 model, age, you know, with a battery
- 7 that's -- you know, a battery -- or a
- 8 computer that's ten years old I'm probably
- 9 not going to be able to find that battery
- 10 to get an exemplar unless the actual
- 11 company -- sometimes the companies will
- 12 provide exemplar batteries because they'll
- 13 have some in-house, but to me a comparison
- 14 and exemplar, again, they're used loosely
- in our industry but exemplar to me is an
- 16 exact identical match, a comparison is
- 17 something that's similar.
- 18 Q. So an exemplar in this case
- 19 would be another Hp Pavilion, the same age
- 20 and condition as Ms. Marcellin and a
- 21 comparison might be, let's say, something
- 22 of the same age but they don't have a new
- 23 old stock battery to put in, so it's
- 24 obviously not the same. So that would be a
- 25 comparison and the one of the same age and



Page 101 1 J. KARASINSKI 2 condition would be an exemplar; is that 3 fair to say? 4 That's fair to say. And I Α. 5 would say most battery manufacturers, they 6 change their BMS ports pretty regularly so 7 it would be extremely difficult to find an exact exemplar unless we got it from the actual manufacturer. 9 10 Q. So you would really expect to get a comparison, not an exemplar in a case 11 12 like this because of the age of the 13 product? 14 That would be typical, that Α. 15 would be a good assumption, yes. It's not 16 impossible but, again, I mean, define 17 something typically when batteries go bad 18 in their laptops they replace them and 19 throw them out, so we don't even have, you 20 know, one laying around somewhere that we 21 could possibly find, so not a lot of those 22 for sale, used battery computer packs sale 23 online. 24 Q. They end up in the pile at 25 the --



Page 102 J. KARASINSKI 1 2 At the recycling company, see. 3 That's what we talked background earlier. You remembered, look at that. 5 So did you obtain any exemplars in connection with your work in this case 6 7 or comparisons rather? You would have to ask Mr. 9 Martin, I didn't do any inspections of the 10 batteries, so --11 You didn't get any exemplars Q. 12 but Dr. Martin might have? 13 Α. Correct. I'm not aware of us 14 getting any exemplar battery packs. Did you dissemble the Marcellin 15 16 notebook at all? 17 A. I was present in and out for 18 the lab exam but they did disassemble --19 the exam was destructive at our facility, they did X-ray it and then dissemble it to 20 21 get the remaining cells out, as well as the 22 battery management system board that was 23 still -- I believe still attached kind of 24 to the laptop. 25 Q. When you compared the cells



- J. KARASINSKI
- 2 that you excavated from the Marcillin
- 3 notebook, when you begin in the matter what
- 4 did you compare them to, if anything?
- 5 A. That's a Steve Martin question.
- 6 That's on him, that was outside my scope of
- 7 my investigation, so ...
- 8 Q. It's probably the same answer
- 9 but do you have any opinion as to what
- 10 caused the failure of the Marcellin
- 11 notebook?
- 12 A. I have no opinion on that, that
- 13 was outside the scope of my investigation.
- 14 Q. If you were asked to try and
- 15 figure it out would you try or would that
- 16 just be beyond the scope of your expertise?
- 17 A. If our client asked I do -- we
- 18 do look at lithium ion battery packs
- 19 weekly, so yes, I could do that, but I was
- 20 not tasked with that and that was outside
- 21 my scope so I stayed in my lane.
- 22 Q. So what would you have done if
- 23 you had been asked to determine what the
- 24 cause and failure was in the Marcellin
- 25 notebook?



Page 104 J. KARASINSKI 1 2 We would have continued with 3 the same process we did with the X-rays, going through the battery management system 5 to determine, identify if it was a 6 replacement battery and if it was an OEM 7 from Hp or if it was purchased somewhere else, we would look for those receipts and 9 from those receipts we would try to get a 10 comparison pack from wherever it was 11 purchased or even a exemplar replacement 12 pack and then we do that and we would 13 compare that to the pack in question and 14 see if there were any changes, differences 15 to it and then determine, you know, based 16 on the cell configuration what safety 17 devices were in use at the time or not in 18 use at the time within that pack. 19 0. Do you know and can you state 2.0 what the safety features of the Pavilion 21 notebook were? 2.2 I did not review that and again, that was outside the scope of my 23 24 investigation. 25 Q. When you're looking at possible



Page 105 1 J. KARASINSKI product failure that's duplicated in a 2 3 fire, do you ordinarily look at the safety features of that product? Well, of course. We would like 5 6 at the design of the product, the safety 7 features. Like, a simple space heater, did it tip over, does it have a tip-over switch, right? So we would look at those 9 10 features, those safety features in any product if we're looking at that as the 11 12 potential failure or cause of a fire. 13 Q. But you didn't do it that in 14 this case because you weren't asked to? 15 Correct. Mr. Martin was 16 retained to handle that portion of it. 17 Q. So you didn't review any schematics for the product, right? 18 19 Α. That was outside the scope of 20 my investigation for this loss, yes. 21 You didn't do anything to try Q. 22 to figure out who did manufacturer that 23 counterfeit battery pack? 24 That's a question for Mr.



Martin. I did not to that, no.

25

Page 106 1 J. KARASINSKI 2 Q. What are the critical 3 components of a lithium ion battery? 4 Eastbound when you say 5 critical, I quess define critical, what do you mean? 6 7 I mean --Q. Okay. Well, you've got the safety features, right, you've got the 9 10 design, you've got the layout, sometimes 11 some of the battery management systems have 12 fuses to protect the cells from damage, you 13 know, where those items are stored, if 14 they're stored properly, if they're being 15 misused, mishandled and properly charged. 16 All those -- they all run in together, right, when you're doing an investigation. 17 18 Ο. Can you just generally describe 19 the process of how a battery cell runs into 2.0 thermal runaway? 21 Well, there's multiple --Α. 22 there's multiple ways it can go into 23 thermal runaway. Could be a design issue, 24 it could be improper use issue, it could be 25 overcharging, undercharging, it be could be



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- 2 damage, you know, like, I did the example
- 3 of most people if you have a
- 4 battery-powered drill in your house and
- 5 you're using it in your garage and you drop
- 6 it on the cement floor, right, that's
- 7 misuse. But when you drop that on the
- 8 cement floor, you pick it back up and you
- 9 hit the trigger and it still works,
- 10 everything's good, right? But did you
- 11 damage that battery pack when you dropped
- 12 it, right? So you got misuse, you got
- 13 overcharging, undercharging, improper
- 14 storage, improper use. So there's multiple
- 15 ways that a pack can go into thermal
- 16 runaway, as well as fire attack and thermo
- 17 attack.
- 18 O. You talked about wild wind
- 19 fires, that's an example of a thermal
- 20 attack and an exterior fire attack, right?
- 21 A. Well, no, wild wind fires like
- 22 what happened just in California, burned
- 23 down all the houses and killed the people,
- 24 yeah.
- Q. Right, but when it attacks the



- J. KARASINSKI
- 2 battery facility or a Tesla battery and it
- 3 goes into runaway, that's an example of an
- 4 external attack?
- 5 A. Correct, yes. Fire -- I mean
- 6 all of it could be external, right? You
- 7 got fire attack, you got thermal attack
- 8 from heat in fire events, again, misuse,
- 9 improper use, maintenance of the actual
- 10 pack and like I said, damaging the pack,
- 11 you know, during use.
- 12 Q. So you think that -- you were
- 13 deferring to Dr. Martin in this but you
- 14 didn't do anything to determine whether the
- 15 notebook was in the same condition at the
- 16 time of fire as it was at the time of sale
- 17 to Ms. Marcillin, correct? My question is
- 18 did you do anything to determine whether
- 19 the notebook was in substantially the same
- 20 condition at the it was sold to
- 21 Ms. Marcellin as at the time of the fire?
- 22 A. Again, that would be Mr. Martin
- 23 and outside my scope but the only thing
- 24 that I'm aware of that changed in that
- 25 laptop was the replacement battery pack.



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- J. KARASINSKI
- 2 I'm not aware of any other changes.
- 3 Q. So you talked abuse, how did
- 4 you rule out improper use or physical abuse
- 5 of the notebook as a potential cause of the
- 6 fire?
- 7 A. You'd have to refer that back
- 8 to Mr. Martin, that was outside my scope.
- 9 Q. So it's really for Dr. Martin
- 10 to say whether it was one of the various
- 11 causes that we talked about -- improper use
- 12 overcharge, undercharge, damage, fire
- 13 attack, thermal attack, and --
- 14 A. Yeah, if we go back to your
- 15 question I believe you asked for examples
- 16 what that would be. But, yeah, I gave you
- 17 examples of my familiarity with battery
- 18 packs and what those failures are, but Mr.
- 19 Martin examines that laptop and those cells
- 20 and that's a better question for him and
- 21 that was outside my scope.
- 22 Q. Okay. All right, and then on
- 23 page 2 of your report --
- 24 A. Can you pull that back up
- 25 again?



Page 110 1 J. KARASINSKI 2 Q. Yeah, absolutely. 3 Α. Sorry. No, that's all right. Do you Q. 5 see it? Yes, got it. 6 Α. 7 So I'm looking at the highlighted bullets here, it says that you 9 reviewed NFPA 921 and 1033, correct? 10 Α. Yes. 11 My question is, is it your Q. 12 opinion that the identification of an 13 ignition source in a first fuel is 14 sufficient to determine the cause of a 15 fire? 16 Well, when we're -- are you 17 talking about cause or classification? 18 Those two terms get run around too. So 19 cause -- if we're talking about cause, that 2.0 is a circumstances and condition and an 21 agency that resulted in a fire or an 22 explosion of that occurring. 23 Classification is when we talk about the 24 ignition source and the sequence of events 25 that caused the fire. So they're two



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- 2 different things, classification and cause
- 3 are two totally different terms.
- 4 Q. Okay. So would the
- 5 identification of your ignition source and
- 6 your first fuel, that would give you enough
- 7 information to determine the cause, I think
- 8 is what you're saying?
- 9 A. Well, no, you have to -- in
- 10 following the scientific method you have
- 11 to, you know, analyze all that data, no,
- 12 not just one specific.
- So if we're talking about the
- 14 ignition scenario, which is cause, what is
- 15 the first fuel igniting the ignition source
- 16 and sequence of events, right, that's what
- 17 causes, so that in the totality of your
- 18 entire investigation in all data
- 19 collection, that's how you would come to
- 20 your opinion.
- Q. Okay. So when you're
- 22 determining that ignition sequence you have
- 23 to consider the competency of the ignition
- 24 source and the first fuel ignited, right?
- 25 A. Yes.



Page 112 1 J. KARASINSKI 2 You need to determine if the 3 ignition source is actually competent to ignite that first fuel? 5 Competent and that it has 6 enough energy to ignite that first fuel. 7 Okay. What do you consider to be the first fuel of this fire? 9 Well, the first fuel would be 10 the ignition source and the ignition of the 11 pack failure and the thermal runaway and 12 that would be -- it expels the contents of 13 the battery when the venting is not 14 sufficient enough to contain that stuff, so 15 went the contents of those packs can -shrapnel can, you know, explode and go into 16 different directions and that is a 17 18 competent known ignition source within the 19 industry, and it sometimes can exceed 20 temperatures of over -- probably a 1000F. 21 So the first fuel was the Q. 22 battery pack itself, not something in the 23 office? 24 Α. Correct. 25 Q. So you would describe



Page 113 J. KARASINSKI 1 2 So I guess to clarify that, so 3 if we're talking about the fire triangle, right, you have to have fuel, heat and 5 oxygen and a chemical reaction. That's 6 basically what's occurring in a cell when 7 it fail, so that would be the ignition source and a first fuel. 9 Okay, that makes medication 10 sense. So when you're talking about the ignition sequence, let's say the first item 11 12 to be ignited in that room, other than the 13 Hp notebook, would you call that the second 14 fuel perhaps? 15 You could refer to it as the 16 secondary fuels, yes, because, like, you

17 know, when you have cells that do fail --18 like an example, I did a fire down in Miami 19 at a very large garage and they had a 20 bicycle on charge in the middle of COVID, 21 it's, like, a fire-car garage, and that --22 the battery went into thermal runaway and 23 expelled all over this garage and I had 24 five or six different points of origin and



I found battery remains in all those areas.

25

Page 114 J. KARASINSKI 1 2 So that's a good example and I 3 think that will help us terminologywise, so I'm going to talk about those -- the 4 5 battery contents that are expelled and then you opine cause ignition in the room of 6 7 origin. I'm going to refer to those as secondary fuels if that's okay. 9 That's okay, but you kind of 10 were fading in and out there so I didn't hear your entire statement. 11 12 I apologize. So I was saying Q. 13 your testimony was helpful because you're 14 talking the case in the garage is kind of 15 like what you hypothesize happened here, 16 right? 17 Correct. I was giving you an 18 example, yes. 19 Right. So I'm going refer to 0. 2.0 that battery, that material that was 21 expelled in this case. I'm going to talk 22 about that as secondary fuel because you --23 or where it's landing I suppose and the 24 things that it's igniting, I'm going to 25 describe as the secondary fuel; is that



Page 115 J. KARASINSKI 1 2 fair to say? 3 That would be fair to say. Α. Because it's your opinion that Q. the battery itself was the first fuel under 5 that NFPA 921? 6 7 Correct, yeah. That meets the requirement of the fire triangle, yes. 9 Okay. That makes sense. All 10 right, I'm going to go to page 6 of the 11 report. I'm just going to zoom out so you 12 can see both of the figures here. 13 Α. Okay. 14 So you have two -- you Q. 15 summarize here certain witness information beginning with Ms. Marcellin; is that 16 17 correct? Yes. 18 Α. 19 Q. In the section of your report? 2.0 Α. Correct. 21 So paragraph -- on page 6 you Q. 22 have figures 5 and 6 concerning her 23 testimony about using candles and candles 24 holders and she said she hadn't use either, 25 right?



Page 116 1 J. KARASINSKI 2 Α. Correct. 3 Is that consist with your 0. examination of the scene as you recall it? 5 Α. Yes. If she did use candles is it 6 7 significant to your conclusion that she never used a candle holder? 9 I'm not sure I understand what 10 you mean by that. 11 Yeah, so Figure 5 she says she 0. 12 didn't use candles, Figure 6 she says she 13 didn't use a cancel holder, and my question is if she did use candles does the fact 14 15 that she wasn't a candle holder mean 16 anything in particular to you? 17 A. Not at this time, no. 18 Q. I'm going to put up a record 19 from the local investigators, it's one of 20 the photos that they took. 21 Α. Okay. 2.2 I'm putting up one of the 23 photos that the local investigators took, 24 that's Hp450 and it depicts a candle in the 25 foreground. Do you see that, Mr.



Page 117 1 J. KARASINSKI Karasinski. 2 Yes. 3 Α. Does that change your opinion 5 in respect of whether there was any candles in the house? 6 7 Well, I observed candles and photographed candles. The statement by the 9 insured is that she didn't -- or by the 10 Plaintiff is that she didn't light any 11 candles and this candle in this instance is 12 not in the area of origin, it doesn't 13 support origin based on the fire patterns that are observed. 14 15 Okay. So this wasn't in the 16 area of origin as you concluded it, right? 17 Α. Correct. But does it look like it was 18 0. 19 burnt? 2.0 It looks like it was used, 21 yeah, based on the wicks are black, yeah. 2.2 It hadn't been used a lot. Based on all of 23 our candle testing that we've done in our 24 facility, it usually will burn that -- to 25 burn down to that, I mean, it's not all



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- 2 directly all the way up to the top because
- 3 you want to be able to put the cap on it.
- 4 That particular candle will have a top for
- 5 it. So that candle has been burned before
- 6 based on the soot I see on the three wicks
- 7 in the candle. But again, that's not my
- 8 area of origin so I can eliminate that.
- 9 Q. Okay. Then going back to the
- 10 figures in your report, you see a Figure 5,
- 11 Ms. Marcellin discusses not using candles.
- 12 So now having seen the photograph of the
- 13 used candle, does that change any of your
- 14 opinions in this case?
- 15 A. No, it does not. I mean,
- 16 people have candles for decoration and
- 17 never use them.
- 18 Q. Would you say that this is
- 19 another oversight by Ms. Marcellin?
- 20 A. No. Not my opinion.
- 21 Q. She said she didn't use
- 22 candles, right, and they were all stored in
- 23 the back?
- A. Well, you're -- when she says
- 25 use, I consider that that did she have any



Page 119 J. KARASINSKI 1 2 candles lit at the time of fire and I would 3 say no, and that's consistent with what I saw at the fire scene. 5 I understand that, Mr. Karasinski, but in Figure 5 you've draw up 6 7 square over line 16 to 19, correct? Α. Yes. 9 In line 17 and 19 she said they Ο. 10 had all been stored in a drawer in the back bedroom, correct? 11 12 Α. Correct, yes. 13 Q. So is it fair to say this is 14 another oversight by Ms. Marcellin? 15 To me it's not an oversight, 16 again, Counselor, because people, you know, don't recall. You get -- we run into these 17 18 situations all the time where people say, 19 no, I didn't discard the cigarette in that 2.0 location and I don't smoke and then you 21 walk in the house and there's ashtrays full 22 of cigarettes. We know you smoke, right. 23 So, again, why people say things or 24 misinterpret, but the physical evidence 25 shows that there were candles at the



Page 120 1 J. KARASINSKI 2 property. 3 So you think Ms. Marcellin Q. misinterpreted the question or something? 5 Α. No, I just don't think she recalled that all the candles weren't put 6 7 away. She didn't remember, right? Q. 9 Yeah. And that's something we 10 run into all the time and that's why we 11 take photographs and do a physical exam of 12 the location as well as the evidence back 13 at a lab exam to determine if we do have any candle debris within that area of 14 15 origin or similar. 16 When you look at a witness' 17 statements and the physical evidence and 18 you compare them, is that because not 19 everyone's a great historian of a fire 2.0 event? 21 And I just think people forget 22 and don't recall. You know, I mean, she's 23 sleeping in the front bedroom with the 24 deceased, the back bedroom. I mean, was 25 that ever being used? I don't know, when's



Page 121 J. KARASINSKI 1 2 the last time you were in it? I mean, I 3 have not been upstairs in my house in my kids' bedrooms in a year. I have no idea what they have up there. 5 6 Q. But the candle I just showed 7 you wasn't in the back bedroom, right, it was in the living room? 9 Yeah, correct. But we saw 10 candles throughout the house. 11 Now on page 9 you state that Q. 12 Ms. Marcellin never had the computer 13 serviced or had any maintenance or modifications done. Do you see that? 14 15 Α. Yes. 16 We talked about the aftermarket Q. 17 battery, do you have any opinion from any 18 source as to how that battery pack got in 19 her computer? 20 I do not know who installed 21 that battery pack into that computer. 22 That would be a modification, 0.

MAGNA D

I guess it depends on the

individual, when you're asking me with my

23

24

25

right?

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- J. KARASINSKI
- 2 background and expertise, modification to
- 3 me would be installing a different battery.
- 4 But a layman person that doesn't do what we
- 5 do or ask the questions that you ask, to me
- 6 if I'm purchasing a battery just to replace
- 7 it, if I'm just the normal consumer, I
- 8 wouldn't consider that as maintenance or
- 9 changing it. To me, changing it to an
- 10 individual that doesn't do this on a daily
- 11 basis is like taking the thing apart and
- 12 making alterations to it. So it just
- 13 depends on what she perceived that question
- 14 to be, and sometimes I think people just --
- 15 just to replace a battery pack, they're not
- 16 changing or altering anything within that
- 17 computer.
- 18 Q. Well, she did also say she
- 19 didn't -- she, herself, never put a battery
- 20 pack in it, right?
- 21 A. I believe that was her
- 22 testimony, yes. But, again, and like I
- 23 said earlier, I don't know who actually put
- 24 the battery pack into this computer.
- 25 O. You have no evidence whatsoever



Page 123 J. KARASINSKI 1 2 that it was changed by anyone other than 3 Ms. Marcellin; is that fair to say? That's fair to say, yes. 5 Okay. You reviewed Dr. Q. Martin's report, right? 6 7 Α. I did, yes. You saw he concluded the Q. battery was -- that was in the Marcellin 9 10 notebook was manufactured in 2015? 11 I believe that's correct, yes, Α. 12 without pulling up his report. 13 Q. You would agree with me that if 14 a notebook was made in 2010 and the battery 15 in 2015, the battery could not have been in 16 the notebook when Ms. Marcellin bought it? 17 A. I would agree with that, yes. 18 Ο. At page 11 of the report you noted that Ms. Marcellin stated no one else 19 20 used the notebook. Do you see that? It's 21 Figure 15 here. 22 Oh, I'm sorry, I was at the one 23 above. Okay. 24 Q. So you see that, Mr. 25 Karasinski?



Page 124 J. KARASINSKI 1 2 Α. Yes. 3 0. So if Ms. Marcellin didn't change the battery isn't it necessarily true that someone else used the notebook? 5 6 Α. No. 7 0. Well, how can both statements be true? 9 Well, you stated that how can 10 she say that someone else didn't use the 11 notebook. 12 Does change the battery not Q. 13 using the notebook? 14 To me the question is with the word use, that to me means I opened up and 15 answered an e-mail. That to me is use, not 16 17 replacing a battery. 18 0. So you don't know if by 19 answering that -- when you cite her 20 testimony here in Figure 15, you don't know 21 if she's indicating whether or not anyone 22 used it in any context other than used it 23 for its intended purpose; meaning they 24 checked their e-mail, they went on their 25 banking website or whatever, that's what



Page 125 J. KARASINSKI 1 2 you understood to mean there? 3 Correct. That's what --Α. That's why the statements are consistent to you? 5 6 Α. Yes. 7 Okay. So she new no one else used it but that's consistent with someone 9 else possibly putting the battery in 10 because that's not really using the 11 computer per se; is that fair? 12 Α. And again, me as a consumer, 13 that question you would have to be more 14 detailed. In using it, do you consider 15 using it installing a new battery, but that question wasn't asked. So to me use is 16 17 opening up the computer and actually using 18 it for its intended use, that's how I see that statement. That's my interpretation. 19 2.0 Q. So do you think it's important 21 for you, for you to know, for your 22 opinions, who put that battery in there? 23 Again, that was outside my 24 scope at that point. I mean, that falls on 25 Mr. Martin. I didn't do anything with that



Page 126 J. KARASINSKI 1 2 laptop. 3 Right, but --Q. 4 I mean if she took -- I mean if 5 you're talking from a plaintiff subrogation standpoint, like, if she took that to a 6 7 computer store and someone else put the battery in, then that would be important 9 but when I believe we have receipt that she 10 purchased it online and when she purchased 11 it, whoever put it in, I don't know who did 12 that. 13 0. All right. Just pulling up 14 that document that you just referenced. So I'm just trying pull up the document you 15 16 just mentioned. 17 All right, I'm going to just 18 put up this first document and I will give 19 you the context of the second document and 2.0 then when we're on a break, I'll try and 21 find the actual document. But I'm going to 22 put up right now what is the Plaintiff's 23 interrogatory -- the Plaintiff's responses 24 to the request for production. 25 document is dated March 9, '22, and I'll



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                    J. KARASINSKI
1
2
    put it on the screen now. You see that?
3
         Α.
               Yes.
                So I'm looking at this question
4
5
    and answer 13. So before I get into this
6
    I'd like you to read to yourself the
7
    question and answer, and before we get into
    any questions I'm going to represent to you
9
    that this question and answer were
10
    subsequently changed, but this was the
11
    answer that we got on March 9, '22. So if
12
    you could take a moment, Mr. Karasinski,
13
    and look at that, let me know when you've
14
    done so.
15
                (The witness complies.)
16
               Have you finished reading it,
         Q.
17
    Mr. Karasinski?
18
         Α.
               Yes.
19
                So is that the purchase that
         Q.
20
    you were previously referring to in respect
21
    to the aftermarket battery?
22
                I'm not -- can you pull it back
23
    up again.
24
         Q.
               Yeah, sorry.
25
         Α.
               No, that's fine, you took it
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Page 128 1 J. KARASINSKI 2 down. 3 Prematurely. So earlier you Q. said that you understood there was a 5 purchase of an aftermarket battery and I'm 6 asking you if that's what I've displayed 7 here, if that's the purchase to what you were referring? 9 Yeah, I'm not sure if that's 10 the purchase. I thought I remember seeing 11 some sort of, like, credit card receipt or 12 Amazon receipt. But, yeah, I don't 13 remember the cost or what year. 14 Okay. So would the purchase on Ο. 15 July 22, 2015, of an aftermarket battery, 16 would that be consistent with the 2015 date 17 that Dr. Martin found on the subject's 18 battery pack? 19 Α. That date would be consistent, 20 yes. 21 Did you do anything to Q. 22 investigate this website, Factory Outlet 23 store? 24 Again, no, I -- outside my 25 scope, I didn't do anything concerning the



Page 129 J. KARASINSKI 1 2 laptop. 3 Okay. So you didn't make any Ο. investigation as to what battery was 5 purchased or when or anything like that? 6 Again, that's not what I was retained for, that was outside my scope. 7 That would be a Dr. Martin question. 9 Okay. Now, at page 13 of the 10 report you'll see there's a Figure 18 -- a 11 Figure 18 and Figure 19. Can you see 12 Figure 18 and 19 in the picture? 13 I can, but that's way outside 14 my technology abilities. 15 Okay, so we have Figures 18 and 16 19 here and you'll see that in the figures 17 you note that Ms. Marcellin's 9 inch 18 compact laptop was in her office in her bag and it was confirmed to be in the closet at 19 2.0 the time of the fire and you previously 2.1 testified it was not in the closet or 22 anywhere that you could she when you 23 visited the scene, correct? 24 Α. Correct. We did not locate any 25 remains of a computer within the closet.



Page 130 J. KARASINSKI 1 2 Then on page 15 at Figure 20 3 and 21 you note that Ms. Marcellin had installed an aftermarket battery in her 5 compact; is that correct? 6 A. That's what she was calling it, 7 yes. So Ms. Marcellin said there was Q. 9 an aftermarket battery, it was in the 10 closet of the office of her house at the 11 time of the fire in the compact notebook 12 but you saw no evidence of that notebook or 13 that battery during your exam, correct? 14 There was no physical evidence 15 of any computer or battery pack remains in 16 the closet. 17 Q. Did you undertake any other 18 efforts to locate that compact or that 19 battery? 2.0 We tried to locate it within 21 our photographs and Greg Gorbit's 22 Matterport. I believe we thought we found 23 it but then I think she that that wasn't 24 it, so I have not seen a compact computer anywhere in the photographs or 25



Page 131 J. KARASINSKI 1 2 documentation from the Matterport. 3 You would expect to see remnants of the computer during your 5 investigation, right? 6 Well, but again, I didn't open 7 every drawer and every door to look for it. The compact issue or computer in there was 9 not -- this information was not available 10 when we were at the site, so besides the collecting evidence that was in the closet, 11 12 I wasn't looking for another computer 13 besides the two that were in that room of 14 origin. 15 So it could have been somewhere other than where Ms. Marcillin said or the 16 17 places you looked, but as far as you know, it wasn't there? 18 19 A. It was not in the closet, no. 2.0 Q. Now, were you able to rule out 21 that Ms. Marcellin didn't put in the 22 aftermarket battery in her Pavilion 23 notebook that was at issue in this case? 24 A. I did not ask her if she 25 installed it.



Page 132 J. KARASINSKI 1 2 Did you take any other efforts 3 -- undertake any other effort to rule out that possibility? 5 No, because the computer was essentially -- she had no consumer 6 7 complaints about the computer up till the date of loss besides the battery, so I -it didn't concern me and we knew after the 9 10 lab exam that it was a replacement battery based on the date stamp of the age, so 11 12 other than that, I don't have any opinions 13 on who installed it. 14 So we talked about a few things 15 that Ms. Marcellin was unable to recollect, 16 we talked about the compact, we talked 17 about the candles, my question is, given 18 Ms. Marcellin's recollection, do you take 19 anything that she said with a grain of 2.0 salt? 21 No, again, that's following the 22 scientific method and collecting all the 23 data, and the physical evidence did not 24 support what she said. So we -- that's 25 part of our process within the fire



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- J. KARASINSKI
- 2 investigation community and fire science,
- 3 so doing interviews and sometimes those
- 4 interviews are not accurate based on the
- 5 physical remains that we find, so it's a
- 6 common occurrence.
- 7 Q. When you see that an interview
- 8 isn't accurate based on the physical
- 9 remains you find, how does that affect your
- 10 analysis of the rest of the interview?
- 11 A. I still take whatever her
- 12 statements are and if any of them can be
- 13 disproved, then they're disproved, if they
- 14 can't be disproved, then they're disproved.
- 15 I mean, not finding the physical remains of
- 16 that computer in that closet or any other
- 17 battery remains in that closet for a
- 18 replacement battery, it wasn't there. We
- 19 still have clothing that's still intact.
- 20 That computer was not in the closet. So
- 21 that doesn't match up with her statement
- 22 and that is consistent and typical with
- 23 witness statements all the time.
- Q. That's because it's tough to be
- 25 a reliable witness in a house fire, right?



Page 134 J. KARASINSKI 1 A house fire where someone 2 3 passed away, it's even more difficult, and how someone could remember, I mean, I graduated high school in 1991, I don't even 5 6 know if I had a computer in 1990. So to me, no. I mean, that's a statement that --7 if she hadn't used it in forever, I don't remember how many years she said she hasn't 9 10 used that computer, I wouldn't remember 11 where it was in my house, so it doesn't 12 change anything but the physical evidence 13 supports that it was not in the closet. 14 Okay. Where do you think Ο. 15 Ms. Marcellin was when the fire started? I believe her statement was 16 17 that she was in bed with the deceased. 18 Ο. So she was asleep with Mr. Hollowell in bed? 19 20 Α. I believe that's her statement, 21 yes. 22 You know this just from her 23 statement or is there some other evidence 24 that you looked at as well? 25 A. Her statement and that was also



Page 135 J. KARASINSKI 1 2 the information that was provided at the 3 scene from the local authorities. Do you have any reason to Q. disagree with her statement that she was 5 6 asleep with Mr. Hollowell in bed at the time the fire started? 7 No, I don't have any reason to 9 disbelieve that. 10 Q. Thinking of going into a longer section now so maybe we should just break a 11 12 little early for lunch. 13 (Whereupon, a break was taken.) 14 Okay. I'm turning to page 20 Q. 15 of your report marked as Exhibit 1, Mr. Karasinski, you see that? 16 17 A. Yes. 18 So on this page you note that 19 Ms. Marcellin testified she was awakened by 20 a smoke alarm the morning of the fire and 21 she described what she saw in her 22 testimony; is that right? 23 Α. Yes. 24 Q. So in this section you cite 25 here she said she woke up from the smoke



Page 136 J. KARASINSKI 1 2 alarm outside of her bedroom, so my 3 question to you, sir, is how long do you think it would take for the fire you say 5 started in the Hp laptop to set off the smoke alarm on the opposite side of house? 6 7 Well, I think you're taking in out of context, there were two smoke detectors, one on the wall by the door of 9 10 their bedroom and one on the wall by the office. So when I say she heard the smoke 11 12 alarm, I'm confident it's the one that was 13 on the wall by the office, not the one in 14 the bedroom at that point. 15 Let's see, so you see on 124 16 lines 2 to 6 that you have in your --17 displayed on your report here? 18 Α. Correct, yes. 19 So here she said she silenced Q. the alarm outside her room, right? 20 21 Α. Correct. 22 That was the first thing she 23 did upon waking up, right? 24 Α. The smoke alarms were 25 hardwired, so when one goes off, they all



Page 137 J. KARASINSKI 1 go off. 2 3 Q. So it's your testimony that the one outside her bedroom was hardwired and so it went off at the same time as the one 5 outside her office; is that right? 6 7 Α. Correct, yes. I'm just going to put up Ms. Q. Marcellin's deposition testimony. See if I 9 10 can find where she talked about the smoke 11 alarms. One minute. So I'm going to 12 direct your attention to Ms. Marcellin's 13 testimony on pages 160 to 161. You see 14 that there, Mr. Karasinski, page 160 and 15 161? You see that? 16 I do, but can you make it 17 larger so I can read. 18 Q. Yeah, of course. I'm going to 19 go through it so you can actually read it. 20 Okay, so you'll see on page 160 21 of her testimony. Do you see the testimony 22 that's listed here at lines 5 through 9, 23 Mr. Karasinski, could you read it? 24 Α. Yes. 25 Q. Let me know when you've done



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Page 138
1
                    J. KARASINSKI
2
    so.
3
               (The witness complies.)
4
             Okay, I've read 5 through 9.
         Α.
5
               Okay. You'll see in the
         Q.
    following lines 10 through 12, did you read
6
7
    that?
               (The witness complies.)
9
         Α.
               Yes.
10
         Q.
               Now I'm scrolling down to lines
11
    14 through 16, you see that?
12
         Α.
            Yes.
13
         Q.
               I'll scroll a little further
14
    down to the next page, and you see lines 11
15
    through 18?
16
         Α.
              Yes.
17
         Q.
               Okay. So having reviewed this
    testimony together, does that refresh your
18
    recollection as to whether one or both or
19
    neither of the smoke alarms were hardwired?
2.0
21
         A. The alarm that was outside the
22
    bedroom on the wall was hardwired. We did
23
    find a battery-operated smoke alarm in the
24
    office area but it did not have a battery
25
   in it.
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Page 139 J. KARASINSKI 1 2 Okay. So you found a 3 battery-operated smoke alarm in the office, is that what you just said? 5 Yeah, it was in the debris, it was -- I don't know where it came from but 6 it was in the debris and it didn't have a 7 battery in it. So the only two operating smoke alarms were the one outside in the 9 10 hallway, which was hardwired and the one that was adjacent to the bedroom that they 11 12 were sleeping in. If you walk out their 13 bedroom door it would have been on the wall 14 to the right. 15 Okay. Maybe I need to pull up 16 her testimony again because I think --17 Well, again, the physical 18 evidence, there were two hardwired smoke detectors and there was one 19 battery-operated that we found in the 20 21 debris with no battery in it. 22 Okay. But the testimony we 23 just reviewed from Ms. Marcellin was that 24 there was a battery-operated one outside 25 her bedroom, right?



Page 140 J. KARASINSKI 1 2 Α. No. 3 MR. SCHWARZ: That's not what it said. The doctor said that. 5 A. That's not what it said. 6 MR. SCHWARZ: The doctor said 7 that. Α. Yeah. 9 What does it say on lines 12 to Q. 10 13 there, Mr. Karasinski? 11 There's one just outside the 12 bedroom where they were sleeping, that 13 was -- that she believed was battery 14 operated. 15 Q. But she was mistaken? 16 A. Correct. 17 Q. Okay. Well, it would have had a 18 Α. 19 battery in it because it would be battery 2.0 backup as well, so... But the hallway 21 smoke alarm and the one next to their 22 master bedroom where they were sleeping at 23 the time of the event were hardwired. 24 only battery-operated smoke alarm I 25 found -- that we found was during the



Page 141 1 J. KARASINSKI 2 processing of the debris and it had no 3 battery in it and that was in the office 4 space. 5 So what you're saying, Mr. Karasinski, is there were three smoke 6 7 alarms in the house? There were two working smoke 9 alarms and one with no battery in it. 10 Q. Right. So there were three total that you found? 11 12 Three in total, yes. Α. 13 Q. Okay. You're saying that the 14 hallway and the one outside her bedroom 15 were hardwired and Ms. Marcellin was 16 mistaken in respect to that battery? 17 A. Correct, the physical evidence 18 did not support that. 19 So that was another oversight Q. 20 in her testimony; fair to say? 21 A. Fair to say. But, again, my 22 wife wouldn't know if one was battery 23 powered or hardwired in my house. So 24 again, that doesn't -- because she was



mistaken it doesn't change any of my

25

Page 142 1 J. KARASINSKI 2 opinions. 3 That's helpful. So with the Ο. understanding that this alarm was outside 5 her bedroom and it was hardwired to the one 6 in the hallway, my question is, how long do 7 you think it would take for the fire that you say started in the Hp laptop to set off 9 the smoke alarm in the hallway? 10 Α. It would be pretty quickly. 11 mean, the smoke would have to get down to 12 the door opening to vent out into the 13 hallway, but probably within a minute to a minute and a half at the longest. 14 15 So it's your testimony it 16 wouldn't have been more than two minutes from the time of ignition in the Marcellin 17 notebook to the time the smoke detector was 18 19 activated in the hallway? 2.0 Yeah. Again, I'm giving a 21 range, a minute and a half to two minutes, 22 yes. 23 Q. So you're saying it wouldn't 24 exceed two minutes? 25 A. I would have to do some



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- J. KARASINSKI
- 2 calculations based on the height of the
- 3 smoke detector on the wall and the smoke
- 4 layer in the bedroom, but I would be able
- 5 to calculate that at a later date, yeah.
- 6 Q. So you could calculate the rate
- 7 of smoke deposition in the compartments in
- 8 this fire?
- 9 A. We could give you a range but
- 10 the smoke detectors were so badly damaged I
- 11 don't -- we weren't able to get any
- 12 manufacture information, all that, so it
- 13 would just be a general timeline.
- 14 Q. But you don't have that general
- 15 timeline because you didn't do those
- 16 calculations?
- 17 A. I haven't done those
- 18 calculations, no. I could, but I have not.
- 19 Q. Did you view those calculations
- 20 as important to your conclusions at all or
- 21 you didn't think they were important?
- 22 A. At the time in my investigation
- 23 they weren't really important because the
- 24 smoke detector activated and alerted the
- 25 occupant as intended.



Page 144 J. KARASINSKI 1 2 But the time that it would have 3 taken to set the smoke detector off is relevant to your analysis of the origin and cause of fire, is it not? 5 6 A. I'm not sure I understand your 7 question. My question is, isn't it Q. 9 important for you to know how long the fire 10 had been going before the smoke alarm was 11 activated? 12 Well, to me the important thing 13 was that it activated and alerted the 14 occupants. 15 So you testified that it would have taken no more than two minutes for the 16 17 hall hardwired smoke alarm to go off and Ms. Marcellin stated that her -- the one 18 outside her bedroom which she believed to 19 20 be battery operate but you've told us it's 21 hardwired went off shortly thereafter; is 22 that correct, right? 23 Α. Yes. 24 Q. So if that's the case, similar 25 question, how long -- so you've testified



- J. KARASINSKI
- 2 that the alarm on her -- I think you
- 3 objected to the question when I asked you
- 4 how long would it take for the smoke to get
- 5 to the opposite side of the house, and the
- 6 reason you objected was because -- the
- 7 smoke alarm on the opposite side of the
- 8 house, the reason you objected was because
- 9 the one in the hallway and the one outside
- 10 their bedroom were hardwired, ergo the
- 11 hardwired one in the hallway was set off
- 12 first and caused the second to be tripped;
- is that a fair summary of your testimony?
- 14 A. When they are hardwired, when
- 15 one activates, they all activate at the
- 16 same time.
- 17 Q. It's your testimony the one in
- 18 the hallway went before the one in her
- 19 bedroom, right?
- 20 A. Correct.
- 21 Q. Is that the reason why you
- 22 objected to my question saying how long
- 23 would it take for a fire you say started in
- 24 an Hp laptop to set off the smoke alarm on
- 25 the opposite side of the house?



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Page 146
                    J. KARASINSKI
1
               MR. SCHWARZ: Well, I don't
2
3
          know if he objected, he just said
          that wasn't --
5
               I apologize. I'm not trying to
6
    be -- to use the word objection in a
7
    technical sense, I mean when I said how
    long would it take for a fire you say
    started in the Hp laptop to set a smoke
9
10
    alarm off on the opposite side of the house
    I believe your answer was, I don't think
11
12
    that fairly states the evidence or
13
    something to that effect because the one
14
    outside her bedroom was, in fact, hardwired
15
    to the other; is that right?
16
               Correct.
         Α.
17
               Okay. The reason you said that
         Q.
18
    is because -- am I to correctly infer from
19
    your testimony that the one outside her
    bedroom went off because the one in the
2.0
21
    hallway went off, not because smoke can
22
    necessarily reach to the other side of the
23
    house?
24
         Α.
              That's correct.
         Q. Okay. So with that
25
```



Page 147 J. KARASINSKI 1 2 understanding, looking at her testimony 3 that you cite here in your report at page 20, Figure 29, Ms. Marcellin stated 5 that immediately upon waking she could smell the smoke. So my question to you, 6 7 Mr. Karasinski, is how long do you think it would take for the fire you say started in the Hp laptop to send smoke out that 9 10 Ms. Marcellin could smell in her bedroom on the other side of the house? 11 12 I don't have enough data to 13 answer that question right now. I would 14 have to do some calculations. 15 What kind of calculations would 16 you need to do to figure that out? 17

- Well, I would need the
- 18 manufacturer of the smoke alarm and do the
- 19 research on that manufacturer, what it
- activates at and then I would have to do 2.0
- 21 some fire modeling to -- well, the entire
- 22 structure to show the smoke layer when the
- 23 smoke would have actually gotten to that
- 24 bedroom.
- 25 Q. You didn't do that in this



Page 148 1 J. KARASINSKI 2 case, right? 3 I did some rough stuff on temperatures but nothing with the smoke 5 alarms. 6 So I think you just kind of Ο. 7 refined your answer in respect to the smoke alarms but my -- I'm asking a slightly 9 different question here which is that 10 Ms. Marcellin said she could smell smoke 11 when she woke up on January 24, 2020, so my 12 question is, how long would it take for to 13 smell smoke on the other side of house? 14 Would --15 I can't answer that question, Counselor, I don't know what her sense of 16 17 smell is, you're asking me, I can't answer 18 that question. 19 Okay. Q. 2.0 Everybody's different. They 21 had a cat, sometimes cats can mask the 2.2 smell of smoke too with their urine and 23 things of nature, so I can't -- you'd have 24 to ask her that question because I don't know what her sense of smell is. I 25



- J. KARASINSKI
- 2 can't -- it's too broad of a question for
- 3 me to answer at this point.
- 4 Q. Yeah, I understand there's some
- 5 data limitations but I guess I'm just
- 6 trying to dial down on the timing here
- 7 because you told me it wouldn't have been
- 8 more than two minutes for the fire that you
- 9 say started in the Hp laptop to set off the
- 10 whole alarm.
- 11 A. So to bring it into
- 12 perspective, with all the live burner
- 13 trainings that I've done and live burner --
- 14 and room and contents fires that I've
- 15 conducted, we've always included a smoke
- 16 detector and it goes off within seconds of
- 17 the fire beginning, so -- but in this case
- 18 because the smoke alarm is outside of the
- 19 bedroom, that smoke layer, the smoke is
- 20 going to -- so I guess how you describe it.
- 21 So, right, if you're filling up a pot water
- 22 and you fill the pot up and it overflows,
- 23 right, that's the same thing as what smoke
- 24 does. You take that pot, you tip it upside
- 25 down, that smoke will fill up that pot



- J. KARASINSKI
- 2 until it can get to the ventilation
- 3 opening, which in this case would be a door
- 4 opening. So I have to get that smoke
- 5 outside of that room for that, but I can't
- 6 do that until the smoke layer reaches below
- 7 that vent opening.
- 8 Q. I get what you're saying and
- 9 that's actually very helpful. I guess what
- 10 I'm trying to understand -- I guess I
- 11 understand what you are saying, it would
- 12 have taken no more than two minutes for --
- 13 let's think of the office as a pot, right,
- 14 and it would take two minutes for that
- 15 pot -- no more than two minutes for that
- 16 pot to billow with smoke and for the smoke
- 17 to escape the office and trigger the alarm
- 18 in the hallway. My question is, how much
- 19 longer would it fake for the smoke to
- 20 travel from the hallway to her bedroom in a
- 21 sufficient quantity that she could actual
- 22 smell it when she woke up?
- 23 A. I can't answer that because I
- 24 don't know her sense of smell, so I can't
- 25 give you that answer.



Page 151 J. KARASINSKI 1 2 Okay. But would you be able to 3 answer for, let's say, the person -- you know, the average man, the typical smeller, 5 the typical nose --6 Well, like, when I got here on 7 Monday as soon as I opened the car door to the rental car, whoever was in it before me was a smoker and I could smell it as soon 9 10 as I opened the door without even getting in the car. So again, I just can't answer 11 12 that question, I don't know what her sense 13 of smell is so --14 Just taking the car as an Ο. 15 example -- sorry to cut you off. 16 That's fine. Go ahead. 17 Q. Taking the car as an example, it takes some time for you to get the 18 19 cigarette smell into the fabric that quick, 20 right? It's not you light the cigarette 21 and then throw it out the window less than 22 a second later and the whole car stinks. 23 It takes some time for the smell to travel 24 throughout the car and be deposed in all 25 the nooks and crannies or whatever, right?



Page 152 1 J. KARASINSKI 2 Maybe even a short time, but it's some 3 amount of time; is that accurate? Well, again, I've never smoked 5 a cigarette in my life so as soon as I open 6 something or where someone has smoked, I 7 smell it right away. So again, but if they're used to smoke smell and things of 9 that nature, I just -- I can't answer it. 10 So I feel like it's asked and answered, I can't give you her sense of smell. 11 12 No, and I understand, you know, 0. 13 none of us have a crystal ball, we can't 14 tell her what she could or couldn't smell. 15 I guess I'm just trying to think of it this 16 way, like, if my neighbor's barbecuing next 17 door and I'm also in my backyard, I'm not 18 going to smell the barbecue the instant he 19 lights it, it's going to take some time for

the smoke to waft up, then it's going to waft over to my house, then I have to smell

22 it and so maybe that takes one second,

23 maybe it takes a minute, maybe it takes

24 five minutes, my question is taking that

25 analogy here, how long was it going to take



Page 153 J. KARASINSKI 1 2 her to smell that fire? 3 Again, I can't answer that without knowing what her sense of smell is, 5 Counselor. Q. Okay. If I asked you to assume 6 7 that she was normal in every possible way, would you think it would be the exact same amount of time that it would take to set 9 off the smoke detector? 10 11 I don't know even know if she 12 smelled smoke. I mean, sometimes people 13 say they smell smoke just because they hear 14 a smoke detector going off. So again, 15 that's a question you're going to have to 16 ask Carol, I don't have an answer for that. Q. Okay. So you weren't relying 17 18 on when she claimed she smelled smoke or 19 didn't in your report because people aren't 2.0 particularly reliable about that; is that 21 fair to say? 22 Well, again, I don't know her 23 sense of smell so to me, the smoke alarm's 24 activated, they notified the occupants of 25 the structure that there was smoke in the



Page 154 1 J. KARASINSKI 2 building and she went and investigated 3 that. So to me, the smoke alarms activated properly so I didn't do any other 5 investigation with the smoke alarms. 6 O. Okay. So I think I understand 7 your testimony to say that the -- it was the activation of the smoke alarms that was 9 important to you. Whether she smelled them 10 or not -- and then the fact that she heard them. Whether she smelled the smoke or not 11 12 and when she smelled it or not, that was 13 not important to you, fair? 14 That's a fair statement. 15 Okay. Would you agree that if 16 the fire started in the office the smoke 17 would accumulate in the office till it 18 banked below the doorway opening? 19 Yes, till it got to the vent Α. 20 opening, yes. 21 Then it would spread along the Q. 22 hallway fuming towards the remainor of the 2.3 home? 24 Yes, because the other --25 Q. How many --



Page 155 1 J. KARASINSKI 2 Α. -- the rear bedroom doors --3 I'm sorry, are you --No, please go ahead. The rear Q. 5 bedroom doors. 6 A. The rear bedroom door adjacent 7 to the office, those two doors were shut so the only ventilation would have taken it down the hallway towards their bedroom and 9 10 into the living room and kitchen. 11 Q. Okay. How long would that 12 take? 13 Α. Which part? 14 The second part, after it had 15 banked below the doorway opening of the office and was -- from the spread along the 16 17 hallway through the ceiling into the remainder of the home? 18 19 Without knowing the airflow and Α. 2.0 fans and what other doors may or may not 21 have been open, anywhere from 15 to 22 45 seconds probably. 23 There weren't any fans on that Q. 24 you saw, right? 25 A. Well, there's a fan in the



- J. KARASINSKI
- 2 living room that was on the ground -- I
- 3 quess it was -- I quess dining room/living
- 4 room is kind of all the same but there was
- 5 a ceiling fan. I don't know if that was
- 6 operating or not.
- 7 Q. So the ceiling fan, it could
- 8 have been operating but you didn't see any
- 9 other fans, right?
- 10 A. No, just -- that was the only
- 11 ceiling fan that I saw.
- 12 Q. Were any windows open that you
- 13 saw?
- 14 A. I don't remember -- no, there
- 15 weren't any windows open but in their
- 16 bedroom window that they were sleeping in,
- 17 I believe there was, like, an AC unit, so
- 18 that's not typically very airtight so that
- 19 would be pulling that -- the heat layer
- 20 that way -- in that direction with the
- 21 smoke as well. Once the door was opened.
- 22 The bedroom door to the master bedroom.
- 23 Q. Okay. So having gone through
- 24 the -- kind of the basics of the airflow
- 25 and the fans situation in the house at the



- J. KARASINSKI
- 2 time, does that change your answer of the
- 3 range you gave of 15 to 45 seconds?
- A. For -- yeah, that's -- that's
- 5 what I would surmise, based on the size of
- 6 the house. And again, I can do
- 7 calculations on that but I did not do
- 8 calculations prior to this deposition.
- 9 Q. Then you go on to cite of her
- 10 testimony here in 21, and you can see that
- 11 she says when she got to the office the
- 12 smoke was hovering above her already and it
- 13 got worse as she retreated from the office.
- 14 So my question, sir, is how long would you
- 15 expect that level of smoke deposition to
- 16 take?
- 17 A. I can't answer the question the
- 18 way you asked it. Is there more to your
- 19 question?
- 20 O. Yeah. So she said the smoke
- 21 was hovering above her when she got to the
- 22 office and then it got rapidly worse as she
- 23 was leaving. So she's characterizing the
- 24 level of smoke deposition in the office and
- 25 immediately outside the office at the time



- J. KARASINSKI
- 2 that she discovered the fire. So my
- 3 question is, given the amount of smoke that
- 4 she's describing and observing, how long
- 5 would you expect the fire if you say
- 6 started in the Hp to have progressed to
- 7 produce that amount of smoke?
- 8 A. I don't think the Hp computer
- 9 produced that amount of smoke, I think at
- 10 that point we already had a small fire in
- 11 the closet from one of the batteries that
- 12 expended its interior material.
- 13 Q. So how long do you think the
- 14 fire had spread at that point in terms of
- 15 time? So you say that the cell ejected and
- 16 gone and ignited the closet, my question
- 17 is, how long had the fire been burning
- 18 given the amount of smoke that she saw when
- 19 she came out?
- 20 A. With the light smoke, probably
- 21 not very long.
- Q. Wouldn't you say it's one
- 23 minute?
- 24 A. I would say anywhere from maybe
- 25 one to three minutes.



Page 159 J. KARASINSKI 1 2 Q. She, I believe --3 And again, that smoke layer's Α. 4 not going to continue to bank down past 5 that opening into the remaining house at that same level. I quess let's just use 6 the word when it equalizes. So as that 7 smoke goes out and down the hallway, it's 9 going to continue going out and down the 10 hallway until it equalizes and it's at the 11 same level and then it will bank down 12 within that room. 13 Okay. Do you know how loud 14 thermal runaway in the 18650 cell is? 15 How loud, like --16 Yeah, how loud --Q. 17 Yeah, I've burned cells before Α. 18 and caused them to fail, yes. How loud was it? 19 Q. 2.0 Sometimes it's very loud and 21 sometimes it's not. Sometimes it just 22 sounds like a faucet going off when the 23 flames are shooting out either one under 24 the other. 25 But there are other times when



Page 160 J. KARASINSKI 1 2 a cell actually ruptures, that's -- that's 3 loud, but I've also seen where cells have vented and lost all their contents and you 5 can just -- you just hear it -- a hissing sound and it's not very loud at all. 6 7 0. So were there ruptured cells in this case? 9 That would be a Mr. Martin 10 question but I believe there was one cell that was ruptured, I think, if I'm 11 12 remembering correctly. 13 0. So that probably would have 14 been louder than the ones that just vented? 15 That's -- that's in my 16 experience from our testing that we've done at that facility -- our facility, yes. 17 18 Q. Okay. All right, I'm going to 19 go to page 23 of the report, and you exert 20 the Allegheny County fire report here, 21 page 23, Figure 31. Do you see that, Mr. 2.2 Karasinski? 23 Α. Yes. 24 Q. Now, the first line that you 25 cite here states that Mr. Hollowell was



Page 161 1 J. KARASINSKI 2 reported found lying crosswise on the bed. 3 Do you see that? 4 Where Allegheny County reported that, yeah. You said where I reported it. 5 6 That's Allegheny County. 7 I apologize, I meant to say and I hope that I said that you cited the 9 report where they had stated this, and I 10 understand that this is their report that 11 you were noting. So --12 Can you sit a little bit closer 13 to the computer, I'm only getting, like, 14 every other word again. 15 I apologize. Q. 16 Α. Sorry. 17 Having enough technical Q. 18 difficulties and you're being more than ... 19 So we're looking at page 23 2.0 where you have cited the Allegheny report 21 and the first line of the Allegheny report 22 says that Mr. Hollowell was reported found 23 lying crosswise on bed. Do you see that, 24 Mr. Karasinski? 25 A. Yes.



Page 162 J. KARASINSKI 1 2 Q. Okay. My question is, is this 3 consistent with Ms. Marcellin's testimony? Well, I believe she said he fell to the floor when she was trying to 5 get him up, but I'm not so sure that he 6 7 couldn't have gotten himself back up on the couch after she left to go call 911. 9 Q. Do you remember if she 10 testified about whether he was able to get up by himself? 11 12 I don't remember seeing that, 13 no. I don't remember her even being asked that question. 14 15 All right, I'm going to go to 16 her testimony. So this is where he's 17 talking about what you said. You see that 18 on page 191? 19 Α. Yes. 20 Q. Then it says here that 21 Ms. Marcellin would help him --22 Α. Yes. 23 Q. -- that he would try but that 24 he was not able to get up and go to the 25 bathroom by himself?



Page 163 J. KARASINSKI 1 2 Α. Yes. 3 Okay. So having seen that, Q. does that refresh your recollection as to whether she testified as to if he was able 5 to get up on his own? 6 7 Well, I don't think that question was asked of her. She said he needs help. I mean, if you're in a house 9 10 fire and you fall to the floor, I'm pretty sure you're going to use all your strength 11 12 to try to get up, so is it possible that he 13 got himself back up on the bed? It's 14 possible. 15 Q. Okay. Do you think it's 16 probable? 17 Well, based on her statements 18 and where he was found, it's probable. Because if he was on the floor and she 19 20 couldn't get him up and he got himself up 21 at some point after she left, because he 22 was still on the floor when she went back 23 the second time to try to get him out. 24 Do you think it's more or less Q. 25 probable than the possibility that



Page 164 J. KARASINSKI 1 2 Ms. Marcellin had another oversight in 3 respect to her testimony? 4 I'm not sure there's an 5 oversight. I still think that he could 6 have gotten himself back on the bed. 7 mean, you see the walker in the bedroom, so uses that walker to walk, so he can still 9 use his arms. So for me to sit here and 10 say he couldn't get himself back up on the 11 bed after she left, I mean might it's very 12 probable that he could have. 13 Okay. So you think the Q. 14 likeliest thing is that he got up? 15 After she left to go -- got in 16 her car to go call 911. That's the only 17 conceivable explanation I have for him to be back on the bed and that's where he was 18 19 found because you can see the protected 2.0 area where his body was on the sheets. 21 Q. That's what the Allegheny Fire 22 Department's talking about in this report? 23 Can you pull it back up again, Α. 24 I'm sorry. 25 Q. Yeah, absolutely.



Page 165 J. KARASINSKI 1 Actually I have it here, I 2 Α. 3 can... Yeah, they state his two feet on the floor and the rest of his body was basically on the bed. 5 Q. When Ms. Marcellin testified 6 7 that she had to leave Mr. Hollowell seated there she had to crawl out of the room, 9 right? 10 A. You would have to pull up -- I 11 don't remember her saying she had to crawl out of the room. You've got to show me 12 13 where that's located. 14 Q. Yeah, I'm sure I can do that. 15 See that? 16 Okay. Α. 17 Q. So did that refresh your recollection as to whether she had to crawl 18 out of the room? 19 2.0 A. Yes. If the smoke was so intense 21 Q. 2.2 that she had to crawl out of the room, 23 would you expect it to produce a witness 24 mark like the one in this case? 25 A. By the time he was removed,



Page 166 J. KARASINSKI 1 2 yes. 3 Okay. Do you remember the Q. witness mark in this case? 5 The witness mark? Α. From Mr. Hollowell. 6 0. Yes, on the bed. 7 Α. Yes. Was there anything that Q. 9 was notable to you about it? 10 Α. Just there was mostly his upper 11 body on the bed and you could see where his 12 arms were. 13 Q. I think there's --14 Oh, I think there's a 15 photograph in the fire department report if 16 you want to pull that up. 17 Q. How long do you think it would take for the fire that you say started in 18 19 the Hp laptop to form a witness mark like 2.0 t.hat.? I'm not sure I can answer that 2.1 22 question because when she leaves to go call 23 911, that fire's still burning and that 24 smoke layer's still banking down within 25 that structure, the entire time she's gone



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- 2 and this is a very remote location and from
- 3 the time until the fire department got
- 4 there. So that fire evolved pretty rapidly
- 5 once you got full room involvement of the
- 6 closet space.
- 7 Q. So if you did the sort of
- 8 calculations that we talked about before,
- 9 would you be able to tell us how long the
- 10 fire would have to be going to produce a
- 11 witness mark like that?
- 12 A. I don't think you could do
- 13 that. I'm not aware of any calculation I'd
- 14 be able to do because, again, as that
- 15 fire's progressing it's producing heat
- 16 again and smoke throughout the structure,
- 17 right, because it's not equalized, it's
- 18 coming out of that door and so from the
- 19 time that -- I don't think we've ever seen
- 20 a clear answer on how long she tried to get
- 21 him out of that structure, right, and based
- 22 on her saying that she's got to crawl out
- 23 of that bedroom space, that fire in that
- 24 closet space is fully involved and
- 25 producing that smoke layer. So if she can't



Page 168 1 J. KARASINSKI 2 breathe standing up, then that smoke layer 3 is already hitting the top of the bed. So once that happens you're going to have a protected area just like you would if you 5 had a magazine sitting on a end table 6 7 somewhere in the room, you get those protective areas. 9 Okay. I'm going to put up that Q. 10 picture you mentioned. I am going to -- the two photographs Hp 423 and 424 that are of 11 12 the witness mark. So this is 423. Do you 13 see that, Mr. Karasinski? 14 Α. Yes. 15 That's the witness mark we've 16 talking about, right? 17 Α. Correct. Here's another view. 18 Q. 19 A. Yes. 2.0 Q. Same witness mark, right? 21 Α. Yes. 22 So having seen the photographs Q. 23 now, is there anything else that you recall 24 that was notable about the witness marks? 25 A. No.



Page 169 J. KARASINSKI 1 2 Q. Okay. So you told me that when 3 Ms. Marcellin was -- left Mr. Hollowell behind because the smoke was -- because she 5 couldn't breathe standing up, that the 6 smoke layer would have been hitting the bed 7 and you have a protected area. So my question, Mr. Karasinski, is if the smoke 9 layer was that low and it was intense 10 enough that she had to crawl out of the 11 bedroom and Mr. Hollowell was seated on the 12 floor when she did so, would you expect the 13 witness mark to look like the witness mark shown here on 424 and 423? 14 15 Α. Yes. 16 You would expect it to look Q. like this? 17 18 Α. Correct, yes. 19 Okay. So wouldn't Mr. Q. 2.0 Hollowell --21 A. You can actually even see 22 another witness mark where the pillow would 23 move. Q. Okay. So my question is, 24 wouldn't Mr. Hollowell have had to be in 25



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- 2 this position before the deposition of
- 3 heavier soot in the room?
- 4 A. He would have had to put
- 5 himself up there after she left if he was
- 6 still on the floor, yes.
- 7 Q. Right, and my question is, if
- 8 the smoke and soot was so bad that she had
- 9 to crawl out, at that time when she crawled
- 10 out he was on the floor, wouldn't we expect
- 11 a more even distribution of smoke and soot
- 12 on the bed here?
- 13 A. No. Not particularly, no. It
- 14 depends when he got up onto the bed. I
- 15 mean, you can see the protected area, so he
- 16 was obviously on bed when he passed.
- 17 Q. So we can agree he was on the
- 18 bed when he passed?
- 19 A. Yes, we can agree to that.
- 20 Q. So with the understanding that
- 21 he was on bed when he passed away, my
- 22 question is, if he was on the floor when
- 23 the smoke layer was sufficiently low that
- 24 Ms. Marcellin had to crawl out, would you
- 25 expect the witness mark to be as white as



Page 171 1 J. KARASINSKI 2 it is here? 3 A. Yes, because she's -- if I remember correctly, she's, like, like 5 foot 2 and she's standing up and that 5 bed -- what is the height of the bed, 6 7 36 inches maybe, so she's standing in the smoke layer, he's not. 9 So is it your testimony that 10 the smoke layer would have to actually reach the bed in order to produce soot 11 12 where Mr. Hollowell's witness mark was 13 ultimately found? 14 Α. Yes. 15 Okay. So the smoke layer would 16 have to be all the way down to the bed in 17 order for this to be something other than 18 white, let's say. 19 Α. Correct. 20 Okay. If the smoke layer was Q. 21 all the down to the bed, wouldn't you 22 expect the bed to be burned? 23 Α. No. 24 Q. The hot gases from the smoke 25 and the radiation from the smoke wouldn't



Page 172 J. KARASINSKI 1 2 burn the bed? 3 A. No, it's obviously not burnt in the picture. 5 Right. I'm saying if a smoke 6 layer had descended to the level of the bed, which you're saying did not happen in 7 this case, if that had happened, wouldn't 9 we expect the bed to be burned? 10 A. I'm not sure I understand your 11 question. 12 Well, you said at --Q. 13 Just because it's a smoke layer 14 doesn't mean that that smoke -- that smoke 15 layer as it's banking down, right, your temperature as it's banking down is lower 16 at the lowest level than it is at the 17 18 ceiling level. So as that temperature 19 decreases as it's banking down, all that's 20 occurring right now is the smoke that he's 21 breathing in and sitting there is now that 22 protected area where he was sitting on the 23 bed and that bed and the material did not 24 reach its ignition temperature from the 25 smoke layer in that room.



Page 173 1 J. KARASINSKI Okay. So the right side of the 2 Q. 3 bed with the wheelchair that you mentioned, that's were Mr. Hollowell was sleeping? You mean the left side where 5 the chair is? 6 7 No, I mean the right side. Q. A. I believe so, yes. 9 Q. Okay. 10 A. I did not ask her that, whether she was on that side or he was on that 11 12 side, but that's where he was found. 13 Q. Okay. Mr. Hollowell was a 14 larger gentleman, right? 15 I believe so, yes. 16 Weighed over 200 pounds? Q. 17 Α. I don't know how much he 18 weighed. 19 Q. Okay. Mr. Karasinski, does it 20 look like two people were sleeping in this 21 bed? 22 Α. I guess what do you mean? It's 23 possible. 24 Q. Does it look to you like two 25 people were sleeping in this bed?



Page 174 J. KARASINSKI 1 2 Α. You mean is it possible that 3 once she got up she just threw the blankets 4 back over, yeah. 5 So it does look to you like two people were in this bed? 6 7 I don't know, she could have -when she get up she could have just thrown 9 the blanket back over and walked out and got out of the room. So, I mean, maybe she 10 did, I don't know, but it looks like 11 12 somebody was there, it's not -- it's not --13 it's messy, it's not completely made. 14 Q. So it looks like one person was 15 there, right, at least? 16 One person was there at the 17 time of the fire that's deceased now, yes. 18 Q. Okay, I'm going to go back to 19 Ms. Marcellin's testimony at page 187 and 20 you'll see that she discusses here what 21 happened when she woke up. Do you see 22 that? 23 Α. Yes. 24 Q. Please take a moment to read 25 that and let me know when you've done so.



Page 175 J. KARASINSKI 1 2 (The witness complies.) 3 Α. Okay. 4 Q. Okay, so my question for you is 5 having reviewed this testimony on page 187, does that refresh your recollection about 6 7 what Ms. Marcellin said in respect to the covers? 9 Α. Yes. 10 Q. Okay. Then turning your attention back to the scene photographs 11 12 Hp424, does that change your opinion as to 13 whether it looks to you in this picture 14 that two people were sleeping in this bed? 15 It -- it's based -- I can't 16 answer that question because, I mean, is it 17 possible that when he got back up on the 18 couch that maybe he pushed them back when 19 he had his hands up, is it possible that 20 the fire department moved that when they 21 were removing his body to get him out and 22 start CPR in the garage? I don't know what 23 it looked like before so... I mean, I know 24 what it looks like now but I don't know 25 what --



Page 176 J. KARASINSKI 1 2 Q. What does it look like now to 3 you? It looks like someone was awake Α. 5 or sleeping on the right side and it 6 looked -- and I don't know, it's not made 7 completely on the left side, so is it possible that somebody pushed them back 9 over when they were trying to get him up 10 and get his -- get him out into the garage, 11 I just don't know what happened during the 12 fire. To say that she misspoke or doesn't 13 recall, I don't know, I don't know what that looked like before. 14 15 So you said this didn't look 16 totally made to you on the left side, but 17 it's certainly more made than the right, 18 you'd agree with that? 19 It's certainly more made than 20 the side on the left, yes. 21 We just reviewed her testimony 0. 22 where she said she through off the covers 23 on both sides of the bed? 24 Α. Correct. 25 Q. Also that Mr. Hollowell was on



Page 177 J. KARASINSKI 1 2 the right side of bed by his wheelchair? 3 Α. Yes. 4 Q. Okay. So you said that maybe he had essentially remade the bed or the 5 firefighters when retrieving him might of 6 7 remade the bed basically? That doesn't look like a made bed to me, Counselor, but we can agree to 9 10 disagree. I don't know what happened. 11 Q. Of course. 12 When you're asking me a Α. 13 question that I can't answer because 14 because I don't know if someone pushed 15 those back when they were getting the body 16 or when the fire department was there, that does not look like a made bed to me, that's 17 not a bed that I -- if I made it, that's 18 19 not made to me, so that's made to you, that's your opinion. 2.0 21 Q. To be clear, Mr. Karasinski, 22 this is not a made bed to me. 23 Okay. Α. 24 I am merely trying to point out Q. 25 that to my eye, this looks like a bed that



Page 178 J. KARASINSKI 1 2 one person was sleeping in on the right 3 side, and you agreed with me that the left side certainly more made up than the right. 5 So I'm trying to deal with this visual 6 inconsistency, that she said she was in the 7 bed asleep with him, she said she through the covers off on on both sides, and yet looking at this picture, it doesn't look 9 10 like someone was in bed on that side and through the covers off on that side; is 11 12 that fair to say? 13 MR. SCHWARZ: No, that's your 14 interpretation, you've asked him 15 three times and he's already answer 16 that he can't say what happened after 17 the firefighters got there and they 18 removed the body. So you can ask him 19 a hundred times, he's going to give 2.0 you the same answer. 21 So it's your testimony that if Q. 22 we credit Ms. Marcellin in her deposition 23 that someone else got the other side of the 24 bed into the condition that it is that 25 we're looking at in Hp424?



Page 179 J. KARASINSKI 1 2 Can you repeat that question? 3 It didn't sound like a question, I thought you were making a statement, I'm sorry. 5 No, I'm trying to understand your testimony. I think you said that if 6 7 we take Ms. Marcellin's testimony to be true that she removed the covers on both 9 sides, that she was sleeping opposite Mr. 10 Hollowell and that she was sleeping on the 11 other side of the bed that somehow the 12 covers must have been pulled up basically 13 on the other side and you are saying maybe 14 Mr. Hollowell did it and maybe the fire 15 fighters did it, you don't know? 16 That is correct. 17 But someone did it because it's Ο. 18 not in the condition that she said it was, 19 right? 2.0 Yeah, I don't even -- I don't 21 have a photo of the other side of the bed, 22 maybe she was laying on top of it and had a 23 blanket on and there's a blanket laying on 24 the other side of the bed. I -- your 25 opinion is that that's a made bed, that's



Page 180 J. KARASINSKI 1 2 not my opinion. Okay, so --3 Q. Well, let's be clear, I've stated it's not my opinion it's a made bed, we agreed that one side is more made than 5 the other. Here's the other photo of the 6 7 bed, I don't know if that helps you. that change any of your testimony? 9 No. Α. 10 Q. You don't see any indication that there was, like, she was sleeping with 11 12 a throw blanket, right, like you said? 13 Α. It could be on the floor on 14 that side of the bed by the window. 15 On the other side of bed there could be a throw blanket --16 17 Α. Where the garbage can is --18 Q. Okay, so ---- there could be a blanket on 19 2.0 the floor or she did throw them back and in 21 the time that he was on the bed still alive 22 or when the fire department was trying to 23 get him out, they could have just pushed 24 the blankets over. I -- I -- again, I don't know. 25



Page 181 J. KARASINSKI 1 2 So you don't see this photo and 3 the issues that we discussed in respect to the witness mark to be inconsistent with 5 her testimony at all? 6 No, because I don't know what 7 happened after she left. Okay. But you have no reason to disbelieve what she's testified to based 9 10 on the images we've just reviewed? 11 Α. No. 12 Okay. Now, when you have a Q. 13 case with humans in the premises, it's 14 important to understand their locations and 15 movements prior to the time of the fire, 16 right? 17 Α. Yes. 18 Q. I'm showing you some evidence 19 that Ms. Marcellin might not have been in 20 the place she said she was at the time of 21 the fire, right? 22 Well, she was all over the 23 house at the time of the fire. 24 Q. Right, but she says when she 25 woke up on the morning on the morning of



Page 182 1 J. KARASINSKI 2 January --3 Α. 20th -- 24th. 4 -- 20th -- 24th, thank you. Q. 5 was just trying to do the years and dates. 6 So when she woke up on the morning of 7 January 24th she said she was in bed and what we just looked at appears to indicate 9 that she might not have been in bed; is 10 that fair to say? 11 Again, I -- that's your Α. 12 opinion, not mine. She could have thrown 13 the covers off --14 Mr. Karasinski -- Mr. 15 Karasinski, is it possible, in your 16 professional opinion as a certified fire 17 investigator, that Ms. Marcellin was awake 18 when the fire alarm went off, not asleep? 19 Based on her testimony, she was Α. 20 asleep. 21 Right, but setting aside the Q. 22 moment of her testimony and just relying on 23 your experience as a fire investigator 24 having responded to many cases, my question 25 to you is, is it possible that she was not



Page 183 J. KARASINSKI 1 2 asleep in bed at 4:00 a.m.? 3 I believe she was in bed asleep when she discovered -- when the smoke alarms went off and she discovered the 5 fire. 6 7 Q. So your testimony is it's impossible? 9 Anything is possible, Α. 10 Counselor --11 Q. Okay. So --12 A. -- but based on her statement 13 and its consistency with what we observed 14 at the site on how she woke up because of 15 the smoke alarm, got out of bed, hit the silence button on the smoke alarm that was 16 17 on the wall and proceeded to go inspect 18 where the fire was located. Now, I mean, 19 when you're asking if a computer -- a 20 compact computer has been in that closet 21 since 1990 and she's incorrect, I'm okay 22 with that. But if she's telling us that 23 she woke up out of bed and that's immediately what she did and it's the same 24 25 day she gave that statement, I put more



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- 2 credibility to that witness statement than
- 3 I do on something that may have been in the
- 4 closet for 20 years.
- 5 Q. We talked about the date of the
- 6 manufacture of this computer, do you know
- 7 when Ms. Marcellin said she bought it?
- 8 A. I don't recall when she
- 9 purchased the actual computer itself, no.
- 10 Again, that was Mr. Martin's, I didn't do
- 11 anything with the laptop.
- 12 Q. Did you know that Ms. Marcellin
- 13 alleged in her complaint she purchased the
- 14 laptop in 2010 and later stated in an
- 15 interrogatory she purchased it in 2015?
- 16 A. I'm not aware of that, no.
- 17 Q. Does that have any -- learning
- 18 that fact now, does that have any effect on
- 19 any of your opinions in the case?
- 20 A. Not as it pertains to the
- 21 computer because the computer was outside
- 22 the scope of my investigation.
- Q. Okay. So this kind of goes
- 24 more into the compact category where you
- 25 don't view it as significant in respect of



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- 2 a statement that you would look at forming
- 3 your opinions in the case?
- 4 A. Well, I would look at it to see
- 5 approximately how old that product was.
- 6 But again, anything that had to deal with
- 7 the laptop was the scope of Dr. Martin and
- 8 not myself.
- 9 Q. What else did you do other than
- 10 reviewing Ms. Marcellin's testimony to
- 11 figure out where she was when the fire
- 12 started?
- A. Well, we've got the statement
- 14 that the locals gave us on what she did and
- 15 then we also have her deposition on with
- 16 she did, which is so -- which is consistent
- 17 with what she told the local fire marshals.
- 18 Q. So other than reviewing her
- 19 statement and -- her statement to locals
- 20 and her deposition testimony, is there
- 21 anything else you did to figure out where
- 22 she was when the fire started?
- 23 A. Just a review of where the
- 24 physical evidence is located. She said she
- 25 went to the kitchen to get a fire



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- 2 extinguisher, said the fire extinguisher
- 3 wouldn't work, we found it, again, in the
- 4 kitchen on the counter so her statements
- 5 were consistent with what she advised the
- 6 local fire marshals and what states in
- 7 her -- in her deposition on what she did
- 8 when she discovered the fire and the smoke
- 9 alarm was activated.
- 10 Q. Would you agree it's important
- 11 to understand what humans in the premise
- 12 are doing at the time a fire starts?
- 13 A. Well, she advised that she was
- 14 sleeping.
- 15 Q. Right. I'm saying generally,
- 16 do you think it's important to determine
- 17 where -- what humans were doing and where
- 18 they were?
- 19 A. Oh, absolutely. When the only
- 20 two occupants are contending that they're
- in the same bedroom and they're asleep,
- 22 there's no other occupants in the
- 23 structure.
- 24 Q. Do you know --
- 25 A. So I had any occupants -- other



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- 2 residents in the structure, then they would
- 3 have been interviewed as well to see what
- 4 they were doing, but those were the only
- 5 two occupants in the structure and they
- 6 both -- well, she advised, not they both,
- 7 she advised that she was asleep at the time
- 8 and so was Charles and when she woke -- she
- 9 woke up because of the smoke alarm, she was
- 10 sleeping.
- 11 Q. Do you remember why
- 12 Ms. Marcellin had to call 911 through her
- 13 OnStar system?
- 14 A. Well, it's a very remote
- 15 location, I remember we didn't have a
- 16 signal there when I -- when we were there
- 17 doing our inspection too, so I don't know
- 18 that she had a good enough cell service to
- 19 go -- to make that phone call and I think
- 20 that's why she went to her car to use
- 21 OnStar to call 911, and I think she had an
- 22 issue with that so she had to drive down
- 23 the road as well.
- Q. Do you remember if she
- 25 testified about her land lines at all?



Page 188 1 J. KARASINSKI 2 I don't remember if she 3 testified on her land lines. She testified that she was Q. 5 unable to access a cordless phone that was 6 in the office, does that refresh your 7 recollection at all? I remember seeing a phone, I 9 don't remember her saying she used it because she wouldn't go into the room that 10 11 was on fire. 12 So the phone you saw was in the 13 office? 14 A. I believe, if I remember 15 correctly, there was one on the desk to the right, I think. I'd have to go back 16 17 through and look at my photograph. Were there any other cordless 18 Q. phones in the building? 19 2.0 Not that I saw, but I guess I 21 wasn't really paying attention to phones. 22 So you weren't looking into 23 assessing Ms. Marcellin's testimony in 24 respect of how she made the emergency 25 calls?



Page 189 J. KARASINSKI 1 No, I read her deposition on 2 3 how she called it, and I believe it was that she didn't have a cell service in that location, which we all had issues when we 5 6 were there doing our inspection, and then 7 she got into the car and tried to use OnStar and I guess she couldn't connect 9 OnStar with the vehicle still there so then 10 she drove down the road and was able to get 11 in touch with OnStar and make the 911 call. 12 Okay. If we look at her Q. 13 testimony on page 115 you'll see she 14 says -- this is where she talks about her 15 cordless phone that we mentioned. See 16 that? 17 Α. Okay. 18 So having reviewed this testimony, does that refresh your 19 recollection about whether she had a 2.0 21 cordless phone in the house? 2.2 MR. SCHWARZ: Ben, could you 23 show the page before that because I 24 think this is a continuation of 25 testimony.



Page 190 J. KARASINSKI 1 2 MR. LEVITES: Sure. 3 (Mr. Levites complies.) 4 MR. SCHWARZ: I mean going up. 5 Okay, thank you. 6 Q. That help, Mr. Karasinski? Yup. Yes. 7 Α. So she had a land line, right? Q. 9 Α. That's what she states, yes. 10 Q. Okay. If I told you that she 11 had another cordless phone that was in the 12 protected second bedroom, does that fact 13 have any significance to you? 14 When there's a fire and people 15 are scared, no, it doesn't. 16 Okay. So --Q. 17 Everyone reacts differently. 18 Q. Okay. So the fact that she 19 didn't use the phone that was in the 20 protected bedroom, it's neither here nor 21 there in your analysis? 22 Again, that's a question for 23 her, but people do crazy things, you got a 24 fire, you got someone that can't get up on 25 their own and she doesn't want to leave and



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- 2 that's the only way she can call 911 is to
- 3 get out. She said when she was trying to
- 4 get him up she couldn't stand up, she had
- 5 to crawl out of the building. So now
- 6 you're asking me if she's going to crawl to
- 7 the phone or exit the building? It just
- 8 depends on the individual. We all do crazy
- 9 things when we're scared.
- 10 Q. Going to page 27 of your
- 11 report, there's a diagram here, Figure 37,
- 12 illustration of a compartment fire. Do you
- 13 see that?
- 14 A. Yes.
- 15 Q. In developing fire in a
- 16 compartment, how does the hot gas layer
- 17 form?
- 18 A. Through buoyancy. Heat rises,
- 19 correct, so it will go to the ceiling and
- 20 as you can see on the right side of the
- 21 figure, you can see where it's got a little
- 22 header that comes down and this is what we
- 23 were talking about when I was talking about
- 24 the pot, right. So as the fire continues
- 25 to grow in size and intensity in the



Page 192 J. KARASINSKI 1 closet, it starts to fill that room with 2 3 smoke and then that smoke will bank down until it gets to the opening of the door 5 and that smoke will then start to travel 6 through the structure on, you know, 7 whatever doors are open and that will continue to do that and that heat layer 9 will go out that door until that heat 10 layer's consistent and, like I said before, 11 equalizes with itself and then it will 12 continue to bank down to that room. 13 Q. What comprises the hot gas 14 layer? 15 What do you mean? Articulates, smoke, heat? 16 17 Q. Yes, that's the answer I'm 18 looking for. Are there other things? That's all I can recall. 19 2.0 That's all I have this right second, but 21 yeah. 22 What's the dominant form of 23 heat transfer from the hot gas layer to the 24 room in a developing compartment fire? 25 A. Well, I would say your heat



- J. KARASINSKI
- 2 transfer is all three motives of heat
- 3 transfer, you've got radiant heat,
- 4 conduction and convection.
- 5 Q. Would you say one is dominant
- 6 or you just can't say?
- 7 A. Well, they're all in play with
- 8 a compartment fire. Each motive of heat
- 9 transfer is -- in a compartment fire you're
- 10 going to use all three.
- 11 Q. I'm specifically talking about
- 12 the mechanism by which heat was transferred
- 13 from the hot gas layer to the rest of the
- 14 room. What's the dominant motive?
- 15 A. Then that would be radiant --
- 16 radiant heat.
- 17 Q. Okay. Couldn't the forces that
- 18 are depicted in this Figure 37 have caused
- 19 the thermal runaway that Dr. Martin
- 20 hypothesized took place?
- 21 A. No, because she witnesses the
- 22 computer having an issue and smoking and
- 23 shrapnel coming out of the computer on fire
- 24 when she goes to look at the room and
- 25 discovers the fire and that the computer is



- J. KARASINSKI
- 2 having an issue. So at that time that's at
- 3 the incipient stage. So that heat layer --
- 4 she's standing up, she's not standing in
- 5 the heat layer. So the answer is no, that
- 6 radiant heat -- we don't have enough
- 7 radiant heat at the time that the computer
- 8 begins to fail.
- 9 Q. So you're testifying that the
- 10 forces that are depicted in Figure 37 could
- 11 not have caused the thermal runaway that
- 12 Dr. Martin hypothesizes took place because
- 13 of the -- Ms. Marcellin's statement; is
- 14 that fair to say?
- 15 A. She's the one that witnessed
- 16 the fire and her statements are supported
- 17 by the physical evidence of the computer in
- 18 the batteries in the physical evidence that
- 19 we found in the room that were, as she
- 20 described, in the ceiling on fire and
- 21 bouncing everywhere. We don't have a heat
- 22 layer that's going to be banking down and
- 23 attacking that computer at the time that
- 24 she discovers the fire. Now, if she
- 25 doesn't discover the fire and we get to



- J. KARASINSKI
- 2 where the heat layer is now after the fire
- 3 was extinguished, then my answer would be
- 4 different, my answer would be yes at that
- 5 point. But at the point that she discovers
- 6 the computer that's having an issue and
- 7 failing and the projectiles are -- in cells
- 8 are leaving the computer, she is standing
- 9 up in that room and visually sees that,
- 10 there's not enough radiant heat to cause
- 11 that computer to go into thermal runaway.
- 12 Q. Okay. So I think you answered
- 13 my question, and it's Ms. Marcellin's
- 14 testimony that really disposes of that as a
- 15 possibility?
- 16 A. Based on the physical evidence
- 17 is supported by her testimony on what she
- 18 saw.
- 19 Q. Well, why don't take just the
- 20 physical evidence and setting aside her
- 21 testimony. So without relying on any
- 22 testimony that she's given in this case,
- 23 does that change your question as to
- 24 whether the forces depicted in Figure 37
- 25 could have caused a thermal runaway Dr.



Page 196 J. KARASINSKI 1 2 Martin hypothesized to happen here? 3 Only -- only later on during the event when that heat layer became lower 5 to get that computer to its melting 6 temperature and to get the batteries to 7 start to decay from thermal attack to go to thermal runaway. So all I'm saying is at the time she discovers this, the only thing 9 10 that's occurring is the laptop and the batteries expending themselves out of the 11 12 laptop. The physical evidence supports 13 what she's saying because we found foil, 14 end caps, positive/negative caps, we found 15 the cells that weren't no longer in the 16 computer in multiple locations in the room. 17 That supports her statement that she gave 18 on what she saw. 19 Do you agree that the rate of 20 fire growth as determined by the witness 21 statements is highly subjective? 22 Absolutely. Α. 23 Would you also agree that many 24 times witness are reporting the fire growth



from the time of their discovery and she

25

- J. KARASINSKI
- 2 can't really correlate the ignition time?
- 3 A. Well, we just talked about when
- 4 the smoke detector would have been
- 5 activated. So now we're going to be in
- 6 this room within that minute and a half to
- 7 two minutes of the smoke detector
- 8 activating and she is standing up in that
- 9 room. So, I mean, you know, right, the
- 10 boiling temperature of water is
- 11 212 degrees, you're not going to stick your
- 12 hand in a boiling pot of the water, right,
- 13 at 212 degrees, so we don't even have
- 14 200 degrees at the ceiling level when she's
- 15 standing in there. So that radiant height
- 16 is not going to produce enough heat
- 17 downward to attack that laptop to cause
- 18 those batteries to begin to fail and to go
- 19 into thermal runaway.
- Now, as I said before, at the
- 21 thermal layer where it is now at 4 feet
- 22 down, yes, we are going to reach
- 23 temperatures great enough from radiant heat
- 24 to cause that laptop to go into thermal
- 25 runaway. But at the time that she



Page 198 1 J. KARASINSKI 2 discovers it, we do not have those 3 temperatures and they're not significant 4 enough. 5 So my question's a little 6 different, separate and outside of this 7 case and Ms. Marcellin, I'm just asking whether you would agree with the principle 9 that many times witnesses are reporting 10 fire growth from the time of their 11 discovery which you can't directly correlate with the time of ignition? 12 13 Α. Correct. And she doesn't look into the closet so she doesn't see a fire. 14 15 Eyewitness data about how fast 16 the fire grows, is that evidence that you 17 can use one way or another to support your hypothesis? 18 19 Sometimes, but it depends on 20 all the other data that you collected. 21 So you testified that you Q. 2.2 believe the inhabitants of the house were 23 sleeping when the fire started, right? 24 Α. Yes. 25 Q. You base that upon her



Page 199 J. KARASINSKI 1 2 testimony, which you have no reason to 3 disbelieve based on the evidence you reviewed? 5 A. Correct. 6 On page 28, Figure 38, blowing Q. 7 This is showing the fridge side of the kitchen. Do you see that, Mr. Karasinski? 9 T do. Α. 10 Q. On the left side of the images is a toaster oven, and my question is, are 11 12 you aware that the local investigator said 13 that the toaster often was on and glowing 14 and he unplugged it at the time he 15 responded to the fire? 16 That's not a correct statement. 17 0. What's incorrect about that 18 statement? 19 A fireman said that, not the Α. 20 fire investigator. 21 I apologize. So with that Q. 22 correction, were you aware that a fireman 23 had said that the toaster oven was on, it 24 was glowing at the time he responded to the 25 fire and that he unplugged it?



- J. KARASINSKI
- 2 A. I did see that in a handwritten
- 3 statement that was provided once we
- 4 received the local's reports from the FOIL
- 5 requests.
- 6 Q. Why would the toaster oven be
- 7 on if the inhabitants of the house were
- 8 asleep before the fire?
- 9 A. I don't know that the toaster
- 10 was on. I don't even see an outlet that it
- 11 could be plugged into.
- 12 Q. Looks like there's a couple of
- 13 receptacles in this photograph.
- 14 A. Where? There's a receptacle
- 15 behind the refrigerator.
- 16 Q. I see two receptacles here
- 17 (indicating) and it looks like there's
- 18 another one right here. You see that?
- 19 A. You got to take your box away,
- 20 it's covering the picture.
- 21 Q. You see that, looks like
- 22 there's a little shape here?
- 23 A. Yeah, I don't know if that -- I
- 24 don't know if that's an outlet or not.
- 25 Q. And then, if he says he



Page 201 J. KARASINSKI 1 2 unplugged it, then why is it sitting 3 perfectly up against the wall like it is? I don't know that that's an accurate statement. 5 6 Q. Now, your testimony is that Fireman Beaton [phonetic] was wrong? 7 I'm not saying he was wrong, but why unplug it when you can just turn it 9 10 off if it's on? 11 Q. Well, whatever --12 A. I don't see an outlet typical 13 with these toaster ovens. You usually only 14 have a three or four-foot cord. So I don't 15 know if that's an outlet behind the toaster oven. I can't say that it is or it isn't. 16 It doesn't look like the same outlet that's 17 18 over here which has got the wood trim 19 around it for the cover plate. I can't say 20 that that's that, it looks like it could 21 just be a shadow of the toaster oven. 22 if the only outlet in this kitchen is 23 behind the refrigerator, the toaster oven 24 is not going to reach that outlet. 25 So I see that there's a plug



- J. KARASINSKI
- 2 there, is it possible that he unplugged the
- 3 refrigerator? I just don't have enough
- 4 data.
- 5 Q. So you're saying he might have
- 6 been mistaken about it being on, mistaken
- 7 about it being glowing and instead
- 8 unplugged the refrigerator?
- 9 A. That's the only thing I can see
- 10 that's unplugged, the refrigerator, it's
- 11 behind the fridge. And the cord for that,
- 12 for a toaster oven is not going to reach
- 13 from there to that outlet.
- 14 When you buy these toaster
- 15 ovens, they're going to have a three or
- 16 four-foot cords. They're not going to have
- 17 a six-foot cord.
- 18 Q. All right. I'll take a look
- 19 and see if I can get some better photos of
- 20 the Matterport, and then we can button that
- 21 up after the break. But I'd like to you
- 22 assume for the purposes of my next question
- 23 that there's an outlet directly behind the
- 24 toaster oven, can you do that for me?
- 25 A. If Steve says I can answer a



Page 203 J. KARASINSKI 1 hypothetical, that's up to Steve. 2 3 MR. SCHWARZ: You can answer. 4 So assuming that the toaster Q. 5 was indeed plugged in and glowing as 6 Mr. Beaton [phonetic] says it was, does 7 that indicate to you that someone was awake? 9 Someone could have had it just 10 on the oven setting, and they could have 11 accidently left it on. 12 It could have been on all Q. 13 night? 14 Could have been. They have an 15 oven setting, you can set it at 350, 400, 16 450, and you can cook whatever you want in 17 there, just as you would in a normal oven. 18 Ο. But that would be one 19 explanation as to how beyond -- per being 2.0 awake would be another one, right? 21 A. It's possible. But her 22 statement is that she was sleeping, is it 23 possible that she used that the night 24 before they went to bed and accidentally 25 left it on, absolutely.



Page 204 J. KARASINSKI 1 2 Q. Is it possible --3 A. And then the fire department -and you leave it on, nobody opened it to see if there was food in it. 5 6 Q. Did you consider the toaster as 7 a potential ignition source in the case? No, it's not my area of origin 9 and there's no fire damage there. 10 Q. So you didn't make anything of 11 the Beaton's statement one way or the 12 other? 13 A. No, just like the other 14 statement about the furnace having a blow 15 out. I don't even know blow out. 16 When you went to the kitchen, 17 did you notice the coffee pot was full? 18 I did not notice that, that did not catch my eye. 19 20 Now, having told you that the 21 coffee pot was full, did you make anything 22 of that? 23 A. No, I make my coffee every 24 night the night before, so it's full and I 25 set the timer, and it starts before I wake



Page 205 1 J. KARASINSKI 2 up. 3 So, is it possible that she made it the night the night before and set it on a timer and it was brewing in the 5 morning before they woke? Yes, absolutely. 6 7 So it's your testimony that she may have set up a timer from the night 9 before, and the coffee pot was brewing at 10 4 o'clock for them to wake up at five or 11 something like that? 12 It's possible or is it possible 13 that they didn't drink the coffee from the 14 day before and that was just left there. 15 Is it also possible that someone was awake at 4:00 a.m. and made the 16 17 coffee? 18 Counsel, you keep going back to 19 that. My statement that she said she was 20 sleeping and evidence supports that, okay? 21 Q. Okay. 22 I don't know if she left the 23 toaster oven on accidentally. She's 24 elderly, it's possible. I don't know if 25 they didn't finish the coffee the day



- J. KARASINSKI
- 2 before and she didn't she didn't clean it
- 3 because she doesn't clean it up that day.
- 4 Maybe she pours it out in the mourning when
- 5 she goes to make a new pot. Maybe that was
- 6 left over from the day before. It doesn't
- 7 mean that she was up.
- 8 Q. So we are looking at page 30
- 9 now and you'll see a cite NFPA 921643, do
- 10 you see that?
- 11 A. Yup.
- 12 Q. It discusses the hot gas layer?
- 13 A. Yes.
- 14 Q. So it says that the first
- 15 sentence says that radiant flux from the
- 16 hot gas layer can produce damage to the
- 17 upper surfaces of contents and floor
- 18 covering materials, did I read that right?
- 19 A. Yes.
- 20 Q. So you would expect horizontal
- 21 materials to be more damaged than vertical
- 22 ones, right?
- 23 A. Well, it depends what the
- 24 material is made of.
- 25 Q. Assuming that materials are all



Page 207 J. KARASINSKI 1 2 made of same thing. 3 What material are you asking me Α. that it's made of? 5 Everything in the room is made of paper. Some items are vertical, some 6 7 items are horizontal. Would you expect the horizontal materials to be more damaged 9 than vertical? 10 Α. Well, that's -- you would 11 expect -- if you reach the ignition of the 12 paper, then you would expect that it's 13 going to burn more regularly in a vertical 14 configuration than it's going to burn in a 15 horizontal configuration. 16 So you would expect vertical --17 So I guess, yes. So explain 18 that, right, if I take a piece of paper, no 19 windows open, no air movement, and I light 2.0 the top right corner of that piece of 21 paper, that top piece of paper, that right 22 corner that you light with an open flame, 23 it is going to burn until it runs out of 24 fuel and it's going to extinguish. 25 Now, if I take that same piece



- J. KARASINSKI
- 2 of paper and I light the bottom right
- 3 corner, right, now, we have fuel and we
- 4 have the configuration, that's going to
- 5 allow that complete a piece of paper to
- 6 burn in it's entirety.
- 7 Q. Okay.
- 8 A. That's based that that's based
- 9 on the fuel configuration.
- 10 Q. So would you expect that to be
- 11 generally true, that vertically configured
- 12 items would be more damaged in a
- 13 compartment fire like this than horizontal?
- 14 A. Yeah, because the horizontal,
- 15 you can see, like, when we're talking about
- 16 the magazines and stuff like that the
- 17 protected areas, when they're horizontal,
- 18 that fuel configuration is not going to
- 19 support flaming combustion.
- But now, you take that piece,
- 21 that horizontal magazine, and you tip that
- 22 magazine vertical, and you put that in the
- 23 same fire event or same open flame, you're
- 24 -- and you light the bottom of that --
- 25 because that fuel configuration, now, that



- J. KARASINSKI
- 2 has time to grow and spread, because it has
- 3 the heat and it has the fuel.
- 4 Q. So you mentioned the furnace,
- 5 it's page 33 where you discuss the furnace.
- A. Yes.
- 7 Q. Did you consider the furnace
- 8 the cause of fire?
- 9 A. Absolutely.
- 10 Q. How did you forensically rule
- 11 out the furnace?
- 12 A. There's no fire damage inside
- 13 of room mechanical room of furnace. There
- 14 was no fire damage there, it was only soot,
- 15 this is typical of what you would see if
- 16 the furnace comes on during fire event and
- 17 it will suck in heated gas into that layer.
- 18 There was no fire damage to the
- 19 door that was shut, and Carol also states
- 20 that she was hoping it was the furnace and
- 21 there was going to be something wrong with
- 22 it. And she actually physically opened the
- 23 door and then saw that there was no fire
- 24 and that's when she went to the office
- 25 space. So I'm eliminating it based on



- J. KARASINSKI
- 2 witness statements and based on fire
- 3 patterns.
- 4 Q. So you see the following figure
- 5 shows the hallway floor, is that what it
- 6 looked like when you first showed up on the
- 7 scene, February 2020?
- 8 A. Can you scroll up, I can't see
- 9 the floor.
- 10 Q. Oh, I apologize, It's shown
- 11 right here, do you see that?
- 12 A. That's how it looked when we
- 13 got there, yes.
- 14 Q. Okay.
- 15 A. So if you look at this closely
- 16 though, those are the contents that were
- 17 thrown out from the closet by the fire
- 18 department.
- 19 O. This was the -- this was how it
- 20 was when you got there?
- 21 A. Yes, that room, as you can see
- 22 the piece of sheeting covering the door to
- 23 secure the door from anyone having access.
- Q. So you were referring to
- 25 sheeting here?



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Page 211
1
                   J. KARASINSKI
2
         Α.
               Yeah, that wood sheeting was --
3
    I'm assuming that investigator from NEFCO
    put it up, because that was up when I got
5
    there to secure the room so no one could
6
    access --
7
           That sheathing here, that I'm
         Q.
    indicating in the square?
9
            It's in the square, but your
10
    square is only covering about a quarter of
11
    it.
12
         Q. Yeah, yeah, this plywood
13
    figure, right?
14
         Α.
              Yes.
15
         Q.
             Okay.
16
            You can see the louver door for
         Α.
17
   the furnace right next to it with no fire
18
    damage.
19
         Q. So you're looking at this
20
    louver door here on the left of Figure 46?
21
         Α.
              Yes.
22
             That was the physical evidence
         Q.
23
   that you looked at?
24
         A. Yes.
25
         Q. That's also depicted on the
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Page 212
                   J. KARASINSKI
1
2
    right side of Figure 45?
3
         A. Yes, with the door open.
         Q. Right.
5
              Picture below, it's closed,
         Α.
    picture above, it's broken.
6
7
               So on the next picture, we are
         Q.
    looking at 47 now. And the caption reads:
9
    Fire damage outside office into hallway,
10
    red arrow indicates the Hp laptop, do you
11
   see that?
12
         A. Yes.
13
         Q.
              So the closet that we are
14
    talking about is not visible in this
15
    photograph, right?
         A. No, it's not, no. The inside
16
17
    the closet, but that's the closet wall.
18
         Q. Right.
         A. So that's visible, but the
19
    inside of the closet and the contents in
20
21
    the closet were not visible.
22
            Right, because it's around the
         Ο.
23
   corner?
24
         Α.
              Yes.
25
         Q. Going to page 35, you stated
```



- J. KARASINSKI
- 2 that melted plastic was observed on the
- 3 laptop screen resulting from downward
- 4 dripping consistent with the computer being
- 5 in an open position at the time of the
- 6 fire. So my question, Mr. Karasinski, is,
- 7 is it your opinion that the melting was
- 8 from gradient heat on the open key board
- 9 and screen?
- 10 A. Yes. Later on during the fire
- 11 event, when the heat layer banked down to
- 12 the approximately four-foot level, yes,
- 13 that's when it began to melt.
- 14 Q. You said when the heat layer
- 15 banked onto that level. So you were saying
- 16 the hot gas layer would have to come down
- 17 to the level of the laptop screen?
- 18 A. No. The heat layer, you'd have
- 19 radiant heat pushing down, right. So --
- 20 but, again, I'm not going to get the
- 21 temperatures great enough to melt that
- 22 plastic. I have got to have bank -- that
- 23 heat layer would be banking down. So that
- 24 occurred later on during the fire event,
- 25 not at the initiation of that fire event.



Page 214 J. KARASINSKI 1 2 Then, you say that the -- that 3 there was this -- the damage observed on the laptop was isolated and inconsistent 5 and of greater intensity than damage to 6 other contents in the room. What do you 7 mean by that, Mr. Karasinski? So where the battery failure 9 occurred on the back of the laptop, if you 10 look at the picture where the laptop was turned over, you could see the melted 11 12 plastic, okay, that should have been 13 protected. So that occurred and melted by 14 the battery failure in the unit, not from 15 the radiant heat banking down on the unit. So let's see if there's a 16 17 picture of the backside for us to look at 18 while we are talking about this. 19 Α. There it is. 20 So you're talking about the 21 damage that's depicted on the underside of 22 the Pavilion laptop in Figure 58? 23 Α. Yes. 24 Q. Wouldn't you expect this kind 25 of damage whether if a laptop was a victim



Page 215 J. KARASINSKI 1 of a fire or the start of a fire, because 2 3 it had a battery pack in it? Can you say that again, I'm 5 sorry? 6 I'm saying, wouldn't you 7 inspect this kind of damage that we are looking at in Figure 58 whether the laptop was the start of the fire or the victim of 9 10 the fire because it has a battery pack in 11 it? 12 Well, if it was a victim of the Α. 13 fire, this damage would not have occurred 14 until later on during the fire event. So 15 again, we are talking about the timing, 16 right, so as this -- when she sees the 17 batteries expelling from the laptop, that's 18 the incipient stage of a failure. We don't 19 have a heat layer. We don't have radiant 2.0 heat banking down on this computer. 21 This -- if the computer was a victim of a 22 fire, yes, would the damage be similar, but 23 I don't have the radiant heat layer to this 24 point yet when she discovers the incipient



stage of the failure of the batteries of

25

Page 216 J. KARASINSKI 1 2 the Pavilion laptop. 3 So, is it fair to say that Ο. you're ruling out that the laptop was the victim of the fire, not notwithstanding 5 that it could suffer such damage in a thermal attack because of Ms. Marcellin's 7 statements, you have these two possibilities and is you're going for one 9 10 because of what she said, right? 11 Well, no, the physical evidence Α. 12 and what she saw supports that it's a failure of the laptop and it wasn't from 13 14 radiant heat because she's in the room and 15 she sees it and we don't have radiant heat 16 banking down hot enough to cause this to go 17 into thermal runaway at the time she discovers the fire. 18 19 Now, again, we talked about 2.0 timing, but as she's trying to get him out 21 of the house and she's driving down the 22 road to call 911, the fire is still 23 burning, correct, and now that heat layer 24 is banking down, and then that's when we 25 have the damage, the melted plastic and



- J. KARASINSKI
- 2 things of that nature to the laptop.
- 3 Q. I understand what you're saying
- 4 and I understand and I think these too
- 5 possible outcomes, you know, the battery
- 6 could've been attacked by the fire after
- 7 Ms. Marcellin -- the computer could have
- 8 been attacked by the fire after
- 9 Ms. Marcellin left by the hot gas layer, as
- 10 you're saying, or it could have been
- 11 earlier and you're saying you ruled out
- 12 this earlier possibility because of what
- 13 Ms. Marcellin's testimony, right?
- 14 A. Based on her observations and
- 15 the physical evidence that we found
- 16 supported her statement.
- 17 Q. Right. So I'd like to focus on
- 18 the second part of the that. So I know
- 19 that you relied on her statements which
- 20 were consistent with this hypothesis that
- 21 you have, but what's the other physical
- 22 evidence that you relied upon to make this
- 23 distinction here?
- 24 A. The location of where we found
- 25 the cells, and the absence of any ignition



- J. KARASINSKI
- 2 sources within the closet and then the only
- 3 evidence of an ignition source that we
- 4 observed in the closet was foil from one of
- 5 the cells that expended. So everything,
- 6 it's the totality of all the data that was
- 7 collected and following the scientific
- 8 method.
- 9 So we're still collecting that
- 10 data based on her observations. They made
- 11 sense. We are now starting to locate
- 12 expended material from the cells, a couple
- 13 of cells that were blown out of the
- 14 computer. And I have no ignition sources
- 15 to have a fire in the closet. There's no
- 16 electric in the closet, there was no
- 17 compact computer in the closet. There was
- 18 no vacuum in the closet, the only ignition
- 19 source that we found in the conceit was
- 20 foil from one of the lithium ion battery
- 21 cells.
- Q. I'm going to go back to
- 23 page 35. And you say at 35 to 36 that the
- 24 fire patterns were consistent with fire
- 25 spreads from the closet to the office. I'm



Page 219 J. KARASINSKI 1 trying to find the exact quote here, but 2 3 does that generally sound right? Α. It does, yes. I'm going to see if I can find 5 6 that exact quote. But, so I guess, I'm 7 just summarizing it. You're talking about fire patterns, how you observed them. So 9 it's fair to say that it's your opinion 10 that the closet was the secondary fuel that 11 was ignited? 12 After the battery failure, yes. 13 Q. So the first fuel was the 14 battery pack, the second fuel was in the 15 closet? 16 Α. What are the contents of the 17 closet. 18 Ο. What caused the secondary fuel 19 to be ignited? The foil from the cells. 2.0 Α. 21 On page 36, you also states Q. 22 that Mr. Litzinger observed breaker number 23 four tripped and he confirmed that breaker 24 number three provided power to the 25 receptacle the laptop was reported to be



- J. KARASINSKI
- 2 plugged into. So my first question, Mr.
- 3 Karasinski is, did you see the laptop
- 4 plugged in when you were on your site
- 5 investigation?
- 6 A. I would have to go back to my
- 7 photos, but I believe we did observe it,
- 8 that it was plugged in at the time.
- 9 Q. You said it was reported to be
- 10 plugged, so that's why I'm asking. You see
- 11 that?
- 12 A. Correct.
- 13 Q. So you think you saw it plugged
- 14 in?
- 15 A. I believe it's in our
- 16 photographs, minor at the scene.
- 17 Q. Mr. Litzinger, he testified
- 18 about this. He said he didn't analyze or
- 19 trace the only trip circuit breaker which
- 20 was number four, despite the fact that it
- 21 would've been tripped by either an
- 22 electrical event or local investigators.
- 23 So my question is, how did you rule out an
- 24 electrical event at breaker as an origin
- 25 and cause investigator?



Page 221 J. KARASINSKI 1 2 There was no fire damage at 3 breaker number four at the panel. Q. Do you know what breaker number 5 four went to? 6 A. I believe they tried to trace 7 Again, that was outside my scope. wasn't there to do that, but I believe they tried to trace it. And they couldn't trace 9 10 it. They were getting too much feedback 11 from their circuit tracers that they were 12 trying to use. I think they tried to use 13 two or three different circuit tracers. 14 And then, the other issue too, when they were doing that, some --15 16 you're doing that, sometimes, you have to unplug things, because that could give you 17 18 the spec the back feeding in it, but they were unable to trace that to determine 19 20 exactly where it went. 21 You don't think that's a data Q. 22 gap in respect of your origin and cause 23 analysis? 24 No. I had -- we had no arcing 25 in our -- in the room of origin and that



- J. KARASINSKI
- 2 breaker was not in the trip position. So
- 3 based on that and no arcing on the cords to
- 4 the computers, those were the only circuits
- 5 that were exposed to the fire event in that
- 6 room. So those were the first ones that
- 7 would be susceptible to being attacked by
- 8 fire.
- 9 Q. Well, it says right here that
- 10 breaker number four was tripped, right?
- 11 A. I was talking about breaker
- 12 number three that we traced that went back
- 13 to the room of origin.
- 14 Q. I'm talking about number four,
- 15 which is the only tripped one.
- 16 A. Correct, we didn't find any
- 17 electrical activity in the room of origin.
- 18 Q. From number four?
- 19 A. I don't know if number four
- 20 went to -- we don't know where number four
- 21 went.
- Q. Wouldn't you like to know where
- 23 number four went if there was an electrical
- 24 event at that the receptacle that
- 25 corresponded with number four?



Page 223 J. KARASINSKI 1 2 I don't know if it was an 3 electrical event. Like I said, it could be tripped from heat, they can trip from thermal heat. They can trip if a fireman 5 6 or somebody's touching something, they can 7 They can trip if you shut the door too hard, if you bump against it, there's 9 multiple reasons that they can trip. 10 The room of origin did not have 11 any electrical activity in it. We traced that breaker back. We confirmed it was 12 13 breaker three. Our room of origin did not 14 have any electrical ignition sources 15 besides the computer. 16 So even though this was the 17 only one that was tripped, and I can 18 represent to you, Mr. Litzinger said that 19 he ruled out heat exposure as a possible 20 trip, he testified that the two 21 possibilities were that a local first 22 responder or investigator had bumped it as 23 you suggested or there was an electrical 24 event, so the that's what he testified to.



A. No, understand that. I was

25

- J. KARASINSKI
- 2 just giving you examples on what could
- 3 cause them to trip.
- 4 Q. Right. And I'm saying, because
- 5 you didn't see evidence in the -- what you
- 6 concluded was the room of origin of an
- 7 electrical arc or other signs of electrical
- 8 ignition, you didn't think it was necessary
- 9 to figure out what, if anything, happened
- 10 at circuit breaker number four?
- 11 A. No, we observed it. We
- 12 documented that it was in the off position,
- 13 and we even collected it and that's what we
- 14 have and there was no electrical activity
- 15 in the report.
- Q. You didn't collect it though,
- 17 you only collected number three, right?
- 18 A. I'm sorry, number three, sorry,
- 19 we documented number four.
- Q. Would you have collected number
- 21 four?
- 22 A. When we didn't find any
- 23 electrical activity, at that point, it was
- 24 just a data point at that time and it still
- 25 doesn't have any meaning to us as it



- J. KARASINSKI
- 2 pertains to cause for the this fire event.
- 3 Q. Number four could have gone to
- 4 the office, right?
- 5 A. I don't think so. I don't
- 6 think that's the way it was running.
- 7 Q. But you don't know as you sit
- 8 here today that it could or couldn't have
- 9 gone there, right?
- 10 A. Again, that was outside my
- 11 scope. Andy was retained to do the
- 12 inspection of the electrical system.
- 13 Q. Page 41, okay. At Figure 56,
- 14 we have the image of the notebook and it's
- 15 your testimony that the melting on the
- 16 keyboard that we are looking at was damaged
- 17 from the fire attack after Ms. Marcellin
- 18 fled the residence, right?
- 19 A. Not fire attack. Radiant heat.
- Q. Radiant heat, thank you. Would
- 21 the presence of a hot gas thermal lighter
- 22 damage the laptop's battery?
- 23 A. Once that heat layer got low
- 24 enough -- got closer to the laptop, yes.
- 25 Q. How low do you think the heat



Page 226 J. KARASINSKI 1 2 layer has to go to damage the laptop? 3 A. Probably maybe afoot above where it is now, probably start to see 5 melting on that laptop. 6 Q. So a foot above the laptop, 7 that's when you'd see the melting? No, I said a foot above the 9 heat layer that we have marked it on in my 10 report. If it was approximately, three 11 feet, a foot higher than that is probably 12 when you would start to see melting to this 13 laptop. 14 So, you know, like, a foot 15 higher than this red line in Figure 49? 16 Α. Yes. 17 Q. Okay. 18 Α. So at the incipient stage of the fire in full room involvement of that 19 20 closet, based on the quick calculations I 21 did, we're looking at a heat layer of the 22 ceiling layer within two minutes of full 23 room involvement of the closet and 700 F. Q. So, yes, I did very next photo, 24 25 Figure 57. So I'm looking at the damage,



- J. KARASINSKI
- 2 that's the red highlighted circle of the
- 3 battery remains and the damage that's
- 4 depicted in this close up and my question
- 5 is, would you have expected the Hp laptop
- 6 to have been even more damaged if it
- 7 started the fire?
- 8 A. No.
- 9 Q. So, you wouldn't expect cracked
- 10 screen?
- 11 A. No, I have -- we have had
- 12 laptop fires that is -- that the batteries
- 13 had failed and didn't ignite anything and
- 14 all extended out of there and there was no
- 15 cracking to the screen. There was no
- 16 melting to the unit. It was only melted on
- 17 the bottom.
- 18 Q. Right. But those weren't cases
- 19 where it started a big fire, right?
- 20 A. Well, correct. That's what I'm
- 21 saying. So I've seen it both ways. I've
- 22 seen it where it's really bad when it did
- 23 start a fire, because there were
- 24 combustible materials that ignited in an
- 25 adjacent to it. Or in this case, it didn't



Page 228 1 J. KARASINSKI 2 ignite anything in an adjacent to this 3 computer, and you can see from the other areas, you can actually see, I think 5 there's one solid laying on the ground 6 where you can see you can see the singed 7 carpet in front of it because it was still expelling as it landed on the floor. 9 So in Figure 59, that's one of 10 the pins that you were just mentioning, 11 right? 12 I don't believe that that's 13 where that was found, but that's where it 14 was the day we got there. I believe that was probably put there by the NEFCO Fire 15 Investigators. 16 17 This is the intact cells? 0. I don't recall. You'd have to 18 19 ask Mr. Martin with an intent. But if you 20 go down in one of my photographs, you can 21 see a cell laying on the carpet, that one 22 right there. So you can see where the

24 Q. Yes.

singed carpet.

23

25 A. After expelled its contents, it



- J. KARASINSKI
- 2 was laying on the carpet.
- 3 Q. So looking at the cells
- 4 depicted in Figures 59 and 60, did you do
- 5 anything other than the CT and X-ray test
- 6 that we talked about to test them or
- 7 inspect them in any way?
- 8 A. Again, that's a question for
- 9 Mr. Martin.
- 10 Q. Now, these two that we are
- 11 looking at Figures 59 and 60, is it your
- 12 opinion that these battery remains ignited
- 13 the secondary fuels in the fire?
- 14 A. Batteries in the picture, no.
- 15 Q. At Figure 60, I guess it was
- 16 exhumed by my last question, are you saying
- 17 that this battery ignited the secondary
- 18 fuel to the fire?
- 19 A. No, I'm just using that -- I'm
- 20 just using that as an example, after it
- 21 blew out of the laptop, still producing
- 22 flaming combustion. That's why you can see
- 23 the singed marking on the carpet, correct.
- Q. That's the charring that I've
- 25 drawn a box around this -- to the top left



Page 230 J. KARASINSKI 1 2 of the battery remains depicted in this 3 Figure 60? Α. Yes. 5 Q. Does it look like the carpet was ignited in the flames there? 6 7 Α. No. Just charred, right? 0. 9 Just charred. But carpet has fire ambers in it. So it will -- and 10 again, when we are talking about the -- you 11 12 had a very good question about the fuel 13 configuration, right, we have to remember 14 that this is horizontal, right. So as soon 15 as the flaming combustion completes or finishes with this cell, if it did ignite 16 17 the carpet, it would self-extinguish. 18 0. The configuration -- the 19 explanation you gave on configuration makes 20 a lot of sense in the example that you were 21 describing, but could you -- I'm having 22 trouble squaring it with -- the image I 23 have in my layman's mind of radiant heat, 24 okay, you're lying on the beach, you didn't 25 wear suntan lotion, you didn't wear a hat,



Page 231 J. KARASINSKI 1 2 you know, maybe your back heats up a little 3 bit but it's protected. It's your front that's completely scorched, right, from top 5 to bottom, I'll be red. If I do the exact 6 same day, exact same situation, but I'm 7 just walking around, right, it's going to be my nose, my face, my shoulders, 9 everything that's, you know, exposed to the 10 sun, that's what goes to get burned the 11 most. 12 So to me, it looks like in the 13 example of the sun as radiant heat, the 14 horizontal item is getting more damaged 15 rather than the vertical. So I und3erstand 16 what you're saying, but could you out square these two -- the problem I'm having 17 18 if I'm even articulating it in any way to 19 you? 2.0 MR. SCHWARZ: I'm going object 21 to the form. I'm going object to the 22 form of that question, because you're 23 talking about radiant heat and UV 24 radiation which are different, but 25 you can answer, if you can.



Page 232 J. KARASINSKI 1 2 THE WITNESS: I can't. That 3 was a long winded question. I understand I'm hoping --4 Q. 5 From this picture, all I'm trying to show is that when the cell 6 7 expelled from the laptop and landed in this position, it was still producing flaming 9 combustion coming out of the cell and 10 that's what produced the charring to the 11 carpet. 12 What I was saying is, this cell 13 did not ignite the carpet because of it's 14 configure, steel configuration, right, 15 because the carpet on the floor is 16 horizontal, and the carpet also has fire 17 ambers in it. So once this cell expelled 18 all of its materials and extinguished, it 19 didn't do anything. 2.0 Looking at figures 63 and 64 21 here which show the breaker, The Vaca 22 Circuit breaker and the system breaker 23 along with the X-ray, and my question is, 24 Mr. Karasinski, did you want an X-ray for 25 that one circuit breaker that was tripped?



Page 233 J. KARASINSKI 1 2 No, we didn't need it because 3 we found no electrical activity in our room of origin. 5 Is it the same answer for whether you attached any significance to 6 7 the fact that this panel had been recalled by the manufacturer? 9 Α. No. 10 Q. It's not the same answer? 11 No, I mean, just because the Α. 12 panel has got a recall, doesn't mean it 13 started a fire. And we have no fire in the 14 area in the panel, so it's just, like, any 15 piece of equipment that you have in your house that's got a recall, it doesn't mean 16 17 it automatically is going to start a fire 18 and catch on fire the next time you use it. 19 It may never catch on fire even though it 2.0 was recalled. 21 Yeah, I understand that. 0. 22 just asked you about a circuit breaker 23 number four, you said because it was not, 24 you know, it was not consistent with your 25 findings in respect of electrical activity



- J. KARASINSKI
- 2 that's why no further under investigation
- 3 was undertaken. And my question is, if you
- 4 learned that the panel itself was recalled,
- 5 is that, you know, would that warrant any
- 6 additional investigation in your mind? And
- 7 I think you just said, no, is that fair?
- 8 A. That's fair because there's no
- 9 -- if the fire was originating here or we
- 10 had an issue that something was not working
- in the panel or the fire originated here,
- 12 then absolutely, we would address that, and
- 13 we would be looking at that. And I
- 14 understand that Federal Pacific has a
- 15 recall.
- 16 O. So the circuit breaker number
- 17 four, the recall, the panel, that's not
- 18 relevant to your analysis in this case?
- 19 A. No, and the occupants didn't
- 20 provide any issues with any of the breakers
- 21 tripping or having any issues with any
- 22 electrical problems in the structure.
- Q. Well, we know at least one was
- 24 tripped, whether it was from an electrical
- 25 event or a local fire department person,



Page 235 J. KARASINSKI 1 2 right? 3 Α. Correct. 4 On page 45, you state that the 5 failure of the Hp Pavilion laptop system to 6 include the battery pack resulted in the 7 injection of hot battery material that ignited combustible located within the room 9 of origin including the closet, so I'm 10 describing a break that -- first of all, 11 did I read that correctly? 12 Α. Yes. 13 I'm going to break this one 14 down at a time. So, is it fair to say 15 based on reading this that you don't know what part of the Pavilion system including 16 17 the battery pack failed? 18 Α. Again, that was for Mr. Martin to handle. 19 2.0 Then you say that a hot battery 21 material was injected. What material was 22 ejected? 23 So you can inject multiple 24 items out of there, but typically, from the 25 testing that we've done is the foil, is a



- J. KARASINSKI
- 2 very competent ignition source. So I mean
- 3 there's multiple things in there. You've
- 4 got safety events, you've got gaskets,
- 5 you've got crimps. There's other material
- 6 that's shooting out, but typically, that
- 7 foil is going to retain enough energy and
- 8 sufficient heat to ignite combustible
- 9 material. Did I lose you?
- 10 Q. No, I'm just making a note.
- 11 I'm just making a note that you send that
- 12 in a way that was very clear. So I was
- 13 just trying to make a note of it. So you
- 14 -- is it fair to say that multiple kinds of
- 15 battery material were ejected here then?
- 16 A. Yes.
- 17 Q. But you believe it was the foil
- 18 that ignited the secondary fuels in this
- 19 case?
- 20 A. I believe the foil is the most
- 21 competent ignition source when the battery
- 22 injects its materials.
- 23 Q. You believe it's the most
- 24 competent ignition source in this case as
- 25 well?



Page 237 1 J. KARASINSKI 2 Yes, and we found that in the 3 closet area which is the secondary fuels. So it was the foil, it wasn't 4 Q. 5 the jelly roll, the caps or these other 6 components you were talking about? 7 Well, the foil is the jelly roll. That's what it looks like after it 9 fails. 10 Q. Right. But the foil can come 11 out. It can be like confetti, right, or it 12 could be injected like a slug too, right? 13 Α. Yeah, or sometimes, it doesn't 14 come all the way out, and it looks like --15 I don't you know how to describe it, a half 16 eaten popsicle on the way out. 17 Q. Right. Right. Rocket top, 18 yes. So, is it fair to say that this is in 19 the confetti category, the ignition that we 20 are talking about here? 21 No, it was a pretty it was a Α. 22 pretty large piece of jelly roll foil that 23 we found in the closet. 24 Q. So it was more like a slug. 25 A. Yes.



Page 238 J. KARASINSKI 1 2 Q. Where it's injected in its 3 entirety? 4 Yeah, I've not heard it call slug before, but, yes, if that's what you 5 6 want to use. 7 That's what I have been calling it because of the case and the contents, 9 it's just, I don't know, visually, it makes 10 sense to me, but no, it's not scientific at 11 all. 12 As long as we both agree on Α. 13 what we are calling it, that's fine. 14 Then you said that the hot Q. 15 battery material ignited combustibles, what 16 combustibles. 17 A. So if you look at the 18 photographs and you go back to the hallway 19 or the photographs of the yarn at the 20 process, you can see that there were towels 21 in there, were clothes in there, there was 22 yarn in there stored on the floor level. 23 There was a plastic stool that you can see 24 in the hallway that was in that closet, it



had multiple clothes, towels, so there was

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- J. KARASINSKI
- 2 plenty of combustible material in there
- 3 that could have landed on it and ignited.
- 4 Q. So you named a couple of
- 5 different things, do you have an opinion as
- 6 to what was the secondary fuel in this
- 7 case?
- 8 A. Just the combustibles that were
- 9 stored in the closet.
- 10 Q. So you can't say whether it was
- 11 the towels or the clothes or the yarn or
- 12 the plastic stool?
- 13 A. No, it was all -- it was moved
- 14 prior to my inspection.
- 15 Q. Don't you ordinarily ask to
- 16 identify the combustible that ignited in a
- 17 fire investigation?
- 18 A. I am identifying the
- 19 combustible. The combustible materials
- 20 that were stored in the closet.
- 21 Q. But I guess I'm asking, would
- 22 you ordinarily go for a greater level of
- 23 detail, meaning identifying whether it was
- 24 the towels, clothes, yarn, stool or some
- 25 other thing?



Page 240 J. KARASINSKI 1 2 Based on the material that was 3 in that closet, I'm comfortable with the combustible materials in there because of the clothing the towels, the -- like I 5 said, the yarn, the sewing items, and that 6 7 is -- that -- your slug can ignite those materials. I don't know how they were 9 stacked in there. I don't know what was on 10 the bottom of the towels or on the bottom 11 or the sheets were on the bottom or the 12 comforter was on the top. I don't know the 13 answer to that. 14 Q. So, is it your opinion that the 15 slug that we will call it, was competent to 16 ignite everything that was in the closet? 17 A. Of the material I just listed 18 to you, yes. Yes, everything, meaning the 19 towels, the clothes, the yarn and the 20 21 plastic stools? 22 Yes. Yes. Α. 23 Q. So that's why --24 Α. Not the plastic stool, but yes, 25 the clothing, the towels, the sheets, the



- J. KARASINSKI
- 2 combustible materials that she had stored
- 3 in there, yes. That's what supplied
- 4 sufficient heat and entity to ignite any of
- 5 those combustibles in the closet.
- 6 Q. Did you know, were they all
- 7 cotton, were they all synthetics, was there
- 8 some kind of mix?
- 9 A. There appeared to be a mix to
- 10 me. There was a couple of bags in there
- 11 that appeared to be synthetic. There were
- 12 towels which appeared to be cotton made,
- 13 the receipts in there, so...
- 14 Q. Now, you said in the room of
- 15 origin including the closet, so my question
- 16 is, were the secondary fuels ignited in the
- 17 closet or somewhere else?
- 18 A. The secondary fuels were
- 19 ignited in the closet and that's fire event
- 20 is the closet. The expended batteries
- 21 besides the damage melting and fire damage
- 22 you see to the bottom of the laptop and the
- 23 top the laptop from the failure of the
- 24 cells, right, to tell you that fuels and
- 25 then the other areas where we found cells,



Page 242 J. KARASINSKI 1 2 we did not -- those cells did not produce 3 enough heat and energy to cause a fire somewhere else in that room. 5 (Whereupon, a break was taken.) Mr. Karasinski, we left the 6 Ο. last -- we left after we were discussing 7 the combustibles in the closet, right? 9 A. I believe so, yes. Unless you 10 want her to read back the last question and 11 answer. 12 That no, that's okay. So you Q. 13 state that --14 A. Can we go back with your ear 15 buds? 16 Is that better? 17 It's much better when you got 18 your earbuds in, thank you. 19 So I'm looking at let's see, Q. 20 okay, so you see here, the highlighted 21 section under your cause to determination 22 analysis? 23 Can you turn your volume off on Α. 24 your computer because now I'm getting 25 feedback. Sorry about that, not trying to



Page 243 J. KARASINSKI 1 2 be difficult, I got a bad echo. 3 Is that better? Q. Yeah, that's fine. 5 Q. Do you see the highlighted text and their cause determination analysis, Mr. 6 7 Karasinski? Α. 9 Can you read that to yourself Q. 10 and let me know when you've do so. 11 Your highlighted section is Α. 12 covering a couple members. 13 Of course, that would be a 14 little bit easier, wouldn't it? I'm trying 15 to just highlight this beginning with Ms. Marcellin to the word "retreated," do 16 17 you see that. So Ms. Marcellin through 18 retreated. 19 Α. Okay. 20 Ο. So Ms. Marcellin stated that it 21 was too big for her to extinguish, so she 22 would be retreated and my question is, how 23 long would it take for the fire that you alleged start in the Hp computer to be too 24 25 big to be extinguished?



Page 244 1 J. KARASINSKI 2 Well, I don't agree with that 3 timeline, so what I -- what I'm saying is, you've got the computer igniting and with the battery itself failing and injecting, 5 6 those injected components, one of foils 7 landed in the closet and ignite in those combustibles. The closet it ignited, which 9 caused the further damage. 10 Q. So, how long would it take for the fire to -- that was ignited by way of 11 12 secondary fuel in the closet to become too 13 big to extinguish. 14 Extinguish with what? 15 With what Ms. Marcellin 16 testified that she was using which was a 17 handheld extinguisher. 18 So typically, when we do light 19 burns, our burns sells, typically usually 20 10 by 10 or 12 by 12, so and I'm giving you 21 as an example from a large burn fire and 22 testing what we have done, that we can 23 ignite with an open flame a 12 by 12 24 structure burn pot room and contents, 25 whatever you want to call it, we can ignite



- J. KARASINSKI
- 2 that with an open flame and I can typically
- 3 get that room through a full room
- 4 involvement and flashover in less than four
- 5 and a half five minutes.
- 6 So when that closet finally got
- 7 to full room involvement, she was not going
- 8 to be able to extinguish that with a fire
- 9 extinguisher.
- 10 Q. But to get to that full room
- 11 involvement where no handheld extinguisher
- 12 is going to put it down, we're talking less
- 13 than 4.5, 5 minutes?
- 14 A. Yes.
- 15 Q. Would it be less than four
- 16 minutes?
- 17 A. It could be, it depends on, you
- 18 know, door opening, ventilation, it depends
- 19 on, you know, are those windows really
- 20 airtight. It's a trailer, right, so, you
- 21 know, nothing really in a trailer is going
- 22 to be airtight and settled.
- So again, I'm giving you all
- 24 the burnt pots that I've found at The
- 25 National Fire Academy down at Cedar for ATF



- J. KARASINSKI
- 2 and local law enforcement and the burn top
- 3 that I have done through training
- 4 throughout my career. We can typically get
- 5 that room, just room and contents to flash
- 6 over in less than four and a half, five
- 7 minutes.
- 8 So we have got -- this is a
- 9 much smaller room, right, it's -- you've
- 10 got -- so you were going to have more
- 11 radians. You've got corner configuration,
- 12 you've got your horizontal configuration.
- 13 So, you know, I'll stick to the four and a
- 14 half five minutes, but that's probably a
- 15 good amount of time, because maybe when it
- 16 got there, it was smoldering for a little
- 17 bit first, producing smoke before then
- 18 reached to an open claim. I just don't
- 19 know, right. We weren't there, so I can
- 20 give you four and a half to five minutes is
- 21 a typical burn time, that we got full-time
- 22 room involvement and flash over on the burn
- 23 cells that I've burned through the
- 24 trainings I've done over the years.
- 25 O. Understood. So we talked a



- J. KARASINSKI
- 2 little bit about the secondary combustible
- 3 fuels in the closet. And I think your
- 4 testimony was essentially that the injected
- 5 jelly roll, the slug that we're calling it,
- 6 was competent to ignite any of the
- 7 materials, specifically being the towels,
- 8 clothes, linens, and yarn. So, is it fair
- 9 to say that because of that opinion, you
- 10 did not conduct any analysis of the
- 11 flammability ratings of those various
- 12 materials.
- 13 A. They were already burned, so at
- 14 that point, they're -- they've changed
- 15 their state. So to take that, they've
- 16 already been heated and cooled, so they're
- 17 not in the same -- they're not the same
- 18 material that they were prior to the fire,
- 19 so...
- 20 Q. What were the limitations of
- 21 the ignition source for the secondary
- 22 fuels, meaning that jelly roll?
- 23 A. What do you mean by
- 24 "limitation"?
- 25 Q. Whatever limitations there



Page 248 1 J. KARASINSKI 2 might be in whatever way you might 3 understand that. I mean, based on my knowledge Α. 5 and the -- and causing the battery packs to 6 fail and burning down from fire to pack in 7 thermal pack, we see the jelly roll on fire, shooting across room. I've actually 9 seen an 18650 sticking into drywall, so it 10 can go and it can be protected anywhere at 11 a high rate, and then if it's hitting the 12 ceiling, it's not just going to just hit 13 the ceiling and bounce straight down. 14 could bounce to the left, could bounce to 15 the right, could come straight down. 16 could go anywhere. 17 So, is it fair to say that the 18 energy potential of the jelly roll eject 19 its variable from thermal runaway to 20 thermal runaway? 21 Α. I don't understand that 22 question. Thermal runaway to thermal 23 runaway? 24 Yeah, when you're looking at



different cases thermal runaway, like the

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Page 249 J. KARASINSKI 1 2 one in this case or one you just mentioned, 3 you know, jelly roll lodged in the 4 driveway? 5 What was the question then 6 again? 7 My question is, the energy potential of the jelly roll is different in 9 every case? 10 A. Oh yeah, it's going to depend 11 on the size. I guess, I'll use your term 12 that you use, that we agreed on, a slug. 13 So if it comes out as like the other word 14 used, confetti, that's going to have less 15 energy, less thermal mass, so with a less 16 energy and less thermal mass, it's going to 17 be less likely to ignite combustible 18 materials. But now, you've got the slug 19 issue, right, you've got more mass, you've 20 got more energy and it's going to maintain 21 that heat energy longer than something of a 22 much smaller mass, like what you used to 23 use, for example, with the foil as 24 confetti. 25 Q. I'm looking at 1911 which you



Page 250 1 J. KARASINSKI 2 cite at page 46. Do you see that there? 3 Α. Yes. That directs that the factors Q. 5 to be considered in determining fire cause include a competent ignition source, the 6 7 type and form of the first and I'll add here secondary fuel in this case and the circumstances such as failures in human 9 10 actions that allows the factors to come together and start the fire. 11 12 So we've talked about ignition 13 sources, we have talked about first and

15 my question is, what human actions did you 16 consider, if any, in this case? 17 So in this case the human 18 factors would be because she was sleeping, 19 was that laptop being used improperly, was 20 that -- was the laptop not the correct 21 charger, what was going on with that laptop 22 at the time? So that would be those other 23 human factors that we would need to

secondary fuel, we talked about failures,

14

24

investigate.

Q. How did you investigate those?



Page 251 J. KARASINSKI 1 2 Α. Which part? 3 The human factors we just Q. talked about, specifically being misused to 5 the laptop. 6 We determined that the again, 7 this is Mr. Martin's area, but I can talk to it in general terms, right, but the cord, I believe, Mr. Martin determined that 9 10 the charger that she was using was the proper charger for that computer. So it 11 12 wasn't -- a lot of people will use the 13 incorrect charger, right, you find that a 14 lot of you do battery defense cases. You 15 find that a lot especially with power 16 tools, people will use the wrong charger, 17 but hey, if -- what was the OJ Simpson? If 18 the glove doesn't fit, you must quit, 19 right. So you if it fits, people are going 20 to use it. So, through that, the human 21 factors Steve went through and determined 22 if the charger was the proper charger that 23 she was using, so it wasn't overcharging 24 those cells. 25 We went to the extent of



Page 252 1 J. KARASINSKI 2 identifying the battery pack that it was, 3 again, human factors, there was a replacement battery pack. So those are 5 things we investigate. But that 6 investigation, remember, I said earlier, we follow a scientific method. You're always 7 in that data collection phase, getting this 9 data, and in this case the human factors 10 what you've asked about to finally get to that part where we can develop a 11 12 hypothesis, test a hypothesis, and then 13 select the final hypothesis. 14 Then, right below this, you'll 15 see you mentioned Section 19443, do you see 16 that? 17 Α. Yes. 18 It says 14443 concerns ignition 19 sequences and times when there is no 20 physical evidence of the ignition source. 21 Did I read that correctly? 2.2 Yes. Α. 23 So in your expert opinion, 24 there was no evidence of the ignition 25 source found in the room of origin?



Page 253 1 J. KARASINSKI 2 What do you mean? We've been 3 talking about batteries since 8 o'clock this morning. 4 5 I apologize, I'm not -- I'm not 6 trying to -- I'm missed it too, that's why 7 I'm asking, this section talks about cases when there's no physical evidence of 9 ignition source. 10 Α. Well, if you read --11 So I'm asking, you know, what 12 what's this doing here in terms of your 13 report? 14 So if you read down further, 15 it's saying that, so let's say it was --16 someone used gasoline and they ignited the gasoline and there's no evidence of the 17 18 gasoline bag, but you get a positive 19 sample, you can infer what that ignition 2.0 source would be. 21 So in this case, I didn't need 22 to infer anything because we didn't --23 there was no computer in a bag in that 24 closet, there was no vacuum, oven, in that 25 closet, there are no outlets. The only



- J. KARASINSKI
- 2 ignition source that we found was your slug
- 3 material from the battery that it expelled.
- 4 Q. So it's fair to say that this
- 5 first part of the section, you're saying,
- 6 you applied 19443 in times when there's no
- 7 physical evidence of the ignition source
- 8 from the origin. That wasn't -- you didn't
- 9 apply that to your analysis, because in
- 10 your view there was physical evidence of
- 11 ignition, right?
- 12 A. Right, but I included in this
- 13 section because of the material that was
- 14 not found in the closet.
- Okay, okay. That makes sense.
- 16 And so, that section goes on to say that --
- 17 where is it --
- 18 A. Yeah, I just gave you an
- 19 example in all.
- 20 Q. The testing alternate
- 21 hypotheses regard involving potential
- 22 ignition sequences provided that the
- 23 conclusion regarding the ignition sequence
- 24 is consistent with all known facts. So
- 25 this is what you were just telling us



Page 255 J. KARASINSKI about, right? You looked, there was no contact in the closet. There was no receptacle in the closet, etcetera, right? Correct, and that's how we were following the scientific method and developing that hypothesis. We're going through and we are going that data collection stage out of those seven steps of the scientific method to get down. So all known facts, there were no ignition sources found in that closet except for your slug jelly roll material.

- 14 Now, I'm going to pull up that
- 15 picture later, so we can actually have a
- 16 more inform conversation, but I just want
- 17 to talk more generally about it with you
- 18 now.

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- 19 On this, 19443, I looked at it
- 20 up, and it looks like they provide a
- 21 nonexclusive list of examples of situations
- 22 that lend themselves to formulating an
- 23 ignition scenario when the ignition source
- 24 is not found during the examination.
- 25 Now, I was going to ask about



- J. KARASINSKI
- 2 these, but it sounds like because you have
- 3 did find an ignition source and you are
- 4 offering an opinion in respect of that,
- 5 this list may not apt here, is that right?
- 6 A. The list may not be what, I'm
- 7 sorry?
- 8 Q. Apt or, you know, appropriate
- 9 to discuss.
- 10 A. Well, yeah, but again, I
- 11 included this section because the
- 12 information that was provided about these
- 13 other pieces of potential admission sources
- 14 that were in the closet were physically not
- 15 there. So that's why I included this
- 16 section.
- 17 Q. Then, you see, it lists some
- 18 potential ignition sources on page 46 and
- 19 47?
- 20 A. Yes, sir.
- 21 Q. So I'm just going to -- we
- 22 talked about a couple. So you list here,
- 23 building electrical system, lightning,
- 24 smoking materials, handled incense and
- 25 incendiary, did you consider any others?



- J. KARASINSKI
- 2 A. That was all I could consider
- 3 based on my room of origin, I didn't find
- 4 any other potential ignition sources room
- 5 of origin.
- 6 Q. How did you dial in on the room
- 7 of origin?
- 8 A. Well, again, we dialed in on
- 9 the room based on 19421. I would say
- 10 there's three pillars, fire patterns,
- 11 witness statements and fire dynamics, puts
- 12 us in that room. So we talked about that
- 13 at length earlier.
- Q. Of course, yeah. Now, the
- 15 reason I'm asking about the room of origin
- 16 thing is we are, you know, you said it was
- 17 all -- those were the only things you can
- 18 consider based on the room of origin. So,
- 19 I guess, my follow-up question is, did you
- 20 do an arch survey of the whole house?
- 21 A. Again, that's a question for
- 22 Andy. That was his scope, not mine. But
- 23 we did expose everything in that office
- 24 space to look for arcing in an arc event
- 25 and we didn't find any. And sometimes,



- J. KARASINSKI
- 2 that happens in fires just because I
- 3 actually -- and it's funny you mentioned,
- 4 because I actually -- it's funny you
- 5 mentioned that because I actually am the
- 6 taks group chair for the arc survey and arc
- 7 methane section of 921, right, so
- 8 sometimes, you can get into a fire event,
- 9 you can seven or eight trip breakers, but
- 10 you may only find two or three trip
- 11 locations. You're not always going to find
- 12 them and if you don't find them, it either
- 13 means somebody manipulated the panel and or
- 14 shut it off or somebody did something or
- 15 bumped up against it and shut it off, so
- 16 there are reasons you don't ever --
- 17 sometimes you don't find arcing.
- 18 O. You shouldn't eliminate a
- 19 potential addition source just because
- 20 there's no obvious evidence for it, right?
- 21 A. No. It's again, it's through
- 22 that entire data collection stage of the
- 23 scientific method.
- Q. Are devices that are heat
- 25 producing or capable of heat production



Page 259 J. KARASINSKI 1 2 when they sustained a failure, those are 3 should be on your list of hypotheses, 4 right? 5 Well, I have got laptop there, 6 that was the only appliance that was in the 7 room that was plugged in. Were there any other devices 0. 9 that were heat producing or capable of 10 producing heat? 11 A. Not that had fire damage or 12 failure to it. 13 Q. Have you heard of the heat and 14 flame vector technique? Say again, what was the term? 15 16 Q. The heat and flame vector 17 technique? I have not heard of that. 18 Α. 19 Did you do a heat and flame Q. 20 vector diagram in this case? 21 Α. I did not. I didn't feel it was necessary. 22 23 When would it be necessary? Q. 24 Α. Well, I guess, one of the 25 reasons it wasn't necessary is because when



- J. KARASINSKI
- 2 we were on site, all the experts agreed
- 3 that the office was a room of origin. So
- 4 at that point, I didn't need to did a
- 5 vector analysis to show to support that
- 6 when we all agreed that the room of origin
- 7 was the office. Even Greg Gorbit
- 8 [phonetic] agreed that the room or origin
- 9 was the office.
- 10 We asked that every time, Mr.
- 11 Gorbit didn't ask for any evidence anywhere
- 12 else in the house. We asked, is there
- 13 anything else that someone wants to collect
- 14 as evidence? Everyone agreed that no,
- 15 because everyone agreed the room of origin
- 16 as the office. The answer was yes, I
- 17 didn't need to do a vector analysis because
- 18 all the experts agreed.
- 19 Q. But even if all the experts
- 20 disagreed with you and they all said, no, I
- 21 actually think it started in
- 22 Ms. Marcellin's bedroom, would that change
- 23 your conclusions in this case?
- 24 A. If someone did not agree with
- 25 my area of origin, then we would have



- J. KARASINSKI
- 2 processed the area that they felt was the
- 3 origin too. And if I had a discrepancy on
- 4 origin, then I would -- I could have put
- 5 together a vector analysis. But again,
- 6 19921 is a guide. I don't have to do
- 7 everything as to the guide. This document
- 8 is an advisory, I don't have to do a vector
- 9 analysis if I don't believe that it's going
- 10 to support my file when everybody agreed,
- 11 even your expert agreed that the room of
- 12 origin was that office space.
- 13 Q. I understand that. I'm just
- 14 trying to focus on your efforts, because I
- 15 understand that what you found there was
- 16 consistent with what everyone else was
- 17 finding. But you were doing your own
- 18 homework, right, you were doing your own
- 19 science that day?
- 20 A. Of course.
- Q. What their saying, it wasn't
- 22 steering you one way or the other, I
- 23 assume?
- A. Not at all, but again, I'm
- 25 here. I'm not a case-maker, right, I'm a



- J. KARASINSKI
- 2 truth seeker. So if someone had an
- 3 objection or believe that the origin could
- 4 be in a different spot, that's why we asked
- 5 that question, because I want everybody
- 6 that had that ability to collect the same
- 7 data that I have.
- 8 Q. That's why you looked at other
- 9 possible rooms of origin, right?
- 10 A. I inspected the entire
- 11 structure, yes.
- 12 Q. You personally ruled out the
- 13 other rooms?
- 14 A. Yes.
- 15 Q. I'm looking at page 47, Mr.
- 16 Karasinski, where you say that you
- 17 considered candles, and we looked at -- and
- 18 you said no evidence of candles was found.
- 19 We've looked at the picture together, the
- 20 candles, so having seen that picture of
- 21 those bird candles, does that change your
- 22 opinion at all that I've highlighted here?
- 23 A. No, these are items within the
- 24 area of origin. The candle that you show
- 25 production of is in the living room.



Page 263 J. KARASINSKI 1 2 That's why you don't list the 3 electric couch here either, not in the room of origin? 5 Α. Correct. 6 Did you consider it at all as a 7 potential ignition source during your initial investigation before you arrived on the room of origin? 9 10 Α. Yeah, I consider everything at 11 the scene as evidence. So once we do our 12 scope and our systematic approach and get 13 our documentation done, then we start 14 talking as experts to see what the plan is, 15 what everyone thinks, and then I tell them, 16 okay, I believe that's area of origin based 17 on, you know, everything that we have seen 18 and based on the witness statements and 19 based on what the fire department's 20 response was and what they stated in their 21 interviews. Everyone agreed that the 22 origin was the office and had nothing to do 23 with anything the living room. 24 0. You stated that there was a cat 25 at the house and my question is, did you



- J. KARASINSKI
- 2 ever consider that the cat might have been
- 3 involved in the fire in any way at all?
- A. No. What do you mean?
- 5 Q. Until Mr. Litzinger told me he
- 6 worked on a case where the cat knocked over
- 7 a candle and started a fire. That's the
- 8 only reason I'm asking you, did you
- 9 consider it at all?
- 10 A. Well, I considered that there
- 11 was a cat in the structure and then that
- 12 could be a possibility, but there were no
- 13 candles lit in the office or the origin.
- 14 So, no, at that point, I did not consider
- 15 -- yeah, you see it on TV and YouTube,
- 16 right, you can get on YouTube and watch the
- 17 dog turn on a stove.
- 18 Q. Yeah. I mean, when I have a --
- 19 when I lighter romantic candle on the
- 20 dinner table, the cat is very intrigued
- 21 every time, I have no idea why.
- 22 A. We didn't need to know about
- 23 the romance part, but that's all right.
- Q. You didn't physically
- 25 investigate the furnish beyond what we



- J. KARASINSKI
- 2 talked about with the door, the louver door
- 3 and the interior door?
- 4 A. What do you mean "I didn't
- 5 investigate it anymore"?
- 6 Q. I'm saying beyond what we
- 7 talked about earlier, how you opened up the
- 8 door, you didn't see damage and charring,
- 9 was there anything beyond that you did to
- 10 rule the furnish out?
- 11 A. No, it wasn't the area of
- 12 origin. Everyone agreed and we even asked
- if anyone wanted the furnace and nobody
- 14 wanted that as evidence.
- 15 Q. But if you had wanted it, you
- 16 would have taken it?
- 17 A. Yes, but I had no interest in
- 18 it. We had eliminated it based on the
- 19 witness statements, fire patterns and fire
- 20 dynamics. It was not the area of origin.
- Q. We talked about -- we have
- 22 here, incendiary, no evidence that fire
- 23 patterns support incendiary fire. What's
- 24 an incendiary fire?
- 25 A. An incendiary fire is a fire



- J. KARASINSKI
- 2 that someone sets when they know it's not
- 3 supposed to be -- there shouldn't be a fire
- 4 there. So with an incendiary fire, we
- 5 didn't -- there was -- we didn't see any
- 6 patterns to support any flammable liquid or
- 7 ignitable liquids that were on board
- 8 somewhere and intentionally started. We
- 9 didn't see any of that.
- 10 Q. So, for incendiary fire, you're
- 11 looking for accelerants?
- 12 A. No. Well, you can start a fire
- 13 with an open flame, if you want. You don't
- 14 have to use accelerants.
- 15 Q. But do you look for accelerants
- 16 when you're ruling out an incendiary fire?
- 17 A. Sometimes, but there weren't
- 18 any patterns in support on the floor.
- 19 There were no patterns on the floor to
- 20 support an accelerant was utilized. The
- 21 only damage to the carpet was the carpet in
- 22 front of the closet which was consistent
- 23 with thermal attack and melting from the
- 24 fire that progressed from the closet and
- 25 outward.



Page 267 J. KARASINSKI 1 2 So we talked about the bed that 3 was unmade on Mr. Hollowell's side, we talked about the witness mark where he was 5 found, we talked about toaster oven that 6 may or may not have been on, we talked 7 about the coffee pot that may or may not have been scheduled, we talked cordless 9 phone. 10 Well, the coffee pot though 11 too, we also talked about and I do this at 12 my house, if I don't drink it, I leave it 13 there and I don't pour it out. 14 Q. Could have been from that 15 morning just as easily, absolutely. I'm not -- I'm just summarizing. I'm not 16 17 trying to --18 Α. Okay. 19 But we talked about some of Q. 20 these things, and my question to you, sir, 21 is, hearing me summarize them now, are they 22 -- are these facts consistent with everyone 23 in the house being asleep at the time of 24 the fire? 25 A. To me, they are, yeah.



Page 268 1 J. KARASINSKI 2 Q. Does any of this make you 3 suspicion in any way at all? No, it does not. 5 Did you consider the Q. possibility of an intentionally set fire in 6 7 this case? Α. Yes, I did. 9 What did you do to forensically Ο. 10 rule that out? I eliminated that based on the 11 Α. 12 witness statements, fire patterns and fire 13 dynamics. 14 So you looked at Q. 15 Ms. Marcellin's statements together with the physical evidence that we have 16 17 discussed? Correct and that brought me to 18 19 my final hypothesis and then I relied on Mr. Martin for the inspection, and then I 20 21 relied on Andy lifting her to eliminate the 22 electrical system of the house, if 23 possible. 24 Q. You've worked on some arson 25 cases, right?



Page 269 J. KARASINSKI 1 2 Α. I have, I have put people in 3 jail. Is it your experience that Q. female arson offenders typically burn an 5 area of personal significance? 6 7 Sometimes, they do. I had a lady a couple of years ago that she lit her husband's clothes on fire. 9 10 Q. Would you view the fire as is 11 in this case is that the fact that it was 12 an area of personal significance, does that 13 mean anything to you in ruling out 14 potentially set fire? 15 In the closet was a personal 16 interest, towels, sheets? Q. Perhaps it was the notebook or 17 the desk area? 18 19 Based on my investigation and 20 the statements provided by the sole 21 occupants that's still alive, I was able to 22 eliminate incendiary fire based on witness 23 statements, fire patterns and fire 24 dynamics. 25 Q. So we have talked about how you



- J. KARASINSKI
- 2 came to your conclusions in this case and
- 3 you basically have explained to me that you
- 4 looked at your possible hypotheses, you
- 5 looked at the physical evidence and witness
- 6 statements that was supportive -- or not
- 7 supportive each hypotheses and you relied
- 8 on a single hypothesis that you could not
- 9 rule out, is that a fair summary of our
- 10 conversation?
- 11 A. That sums it up pretty well.
- 12 Q. So you're the NFPA expert, so
- 13 you can explain this to me, because it
- 14 seems like it's a very fine point that the
- 15 NFPA has been debating for sometime, what's
- 16 the differences process that you used here
- 17 and negative corpus?
- 18 A. I'm not sure what you mean.
- 19 Q. So 1965, it discusses negative
- 20 corpus and it says that process of
- 21 elimination can be used inappropriately.
- 22 Identifying the ignition source for a fire
- 23 by believing to have eliminated all
- 24 ignition sources found known or suspected
- 25 to have been present in the area of origin



- J. KARASINSKI
- 2 and for which no supporting evidence exists
- 3 is referred to by some investigators as
- 4 negative corpus.
- 5 And there's some further
- 6 discussion, goes on to say that negative
- 7 corpus is not consistent with a scientific
- 8 method. It is inappropriate, it should not
- 9 be used because it generates untestable
- 10 hypothesis and may result in incorrect
- 11 determinations of ignition sources and
- 12 first or a secondary fuel area ignited.
- 13 Any hypothesis formulated for causal
- 14 factors, fuel ignition source ignition
- 15 sequence must be based on the analysis of
- 16 facts and logical inferences that flow from
- 17 those facts.
- 18 So this is a discussion that
- 19 they have of negative corpus and the
- 20 process of elimination, and I'm asking how
- 21 you distinguish the scientific process you
- 22 did here from what's described in 1965?
- 23 A. Well, I didn't use negative
- 24 corpus. I used the process of elimination
- 25 and the lack of ignition sources or



- J. KARASINSKI
- 2 competent ignition sources in the room of
- 3 origin as well as the closet, and through
- 4 that, I was able to find a potential
- 5 ignition source. The remains of the jelly
- 6 roll that were in the closet. And so, that
- 7 is not process, that is not negative
- 8 corpus.
- 9 Negative corpus is when you're
- 10 trying to say that this is how the fire
- 11 started and you evidence to support that.
- 12 I do have evidence, I do have physical
- 13 evidence to support what the ignition
- 14 source was.
- 15 Q. I appreciate that
- 16 clarification?
- 17 A. It is a very big topic.
- 18 Q. It's been revised quite a few
- 19 times, so I didn't really get it, so thank
- 20 you for that.
- I'm going to turn your rebuttal
- 22 report now, I'm going to try to get through
- 23 it as quickly as I can. I have one last
- 24 question on your initial report though.
- 25 You said that there's no exposure damage to



- J. KARASINSKI
- 2 other residences in the area, what did you
- 3 mean by that?
- A. So a lot of times, this is for
- 5 more for the insurance related fold, right.
- 6 So sometimes they're going to want to know
- 7 -- like let's say you have a house -- you
- 8 have a house that's on fire and
- 9 Jacqueline's house is right next door, did
- 10 that fire cause any damage to that
- 11 neighboring property because the insurance
- 12 company is going to want to know if they
- 13 have to open some sort of liability file,
- 14 if they're at fault for the neighboring
- 15 damage, so we include that in there, but
- 16 that's more for the insurance industry.
- 17 That's what that's there for.
- 18 Q. I'm going to turn to your
- 19 rebuttal report and it's my hope we can go
- 20 through it quickly and get you on your way.
- 21 So thank you for bearing with me, I don't
- 22 know if you want to take a short break or
- 23 if you want to just try and knock it out,
- 24 it's up to you.
- 25 A. Knock it out, if you think you



Page 274 J. KARASINSKI 1 2 can get through it quickly. 3 On the first page, this is our Q. rebuttal report we marked as Exhibit 2, 5 right? 6 Yeah, can you just make it 7 bigger or --0. 9 I have mine here, I can --10 Q. So this first section that I have here, this paragraph says that the 11 12 statement is being provided to address data 13 points raised in the reports of defendant, 14 нр. 15 My question, Mr. Karasinski, is 16 there anything upon which you relied in 17 this rebuttal report that you didn't have 18 at the time of your original report other 19 than Hp's expert disclosures? 20 No, it was due to the expert 21 disclosures provided by Exponent and they 22 addressed things that we were all competent 23 as experts that we have eliminated on the 24 site. So they weren't on the scene, 25 Exponent, so they didn't have the



Page 275 1 J. KARASINSKI 2 opportunities to be privy of those 3 conversations and to get those experts agreements, so I felt that they needed this 5 additional information for them to 6 determine that that still supports their 7 hypothesis that they concluded. You'll see there's a note on this first page and every subsequent page 9 10 here that begins with a manufacturer, do 11 you see that? 12 Yes. Α. 13 So there's some caveats here in 14 this section, including that this is a preliminary draft of laboratory analysis 15 16 notes, and it should not be considered a 17 formal report, do you see that? 18 Yes, that's a format issue with 19 this form we use for rebuttal reports. 2.0 That's on every one of our rebuttals. 21 This is the only rebuttal? Q. 22 The only draft out there. 23 Q. Okay, great. Now, you relied 24 on a supplemental declaration from Ms. 25 Marcillin, my question is, was this



- J. KARASINSKI
- 2 information you could have had at the time
- 3 of your initial report?
- A. It could have been but I wasn't
- 5 -- again, everyone agreed on the area of
- 6 origin and nobody brought up that Carol was
- 7 going to be standing in the heat later that
- 8 was only four feet high. That would have
- 9 been of temperatures close to
- 10 1,000 degrees, so when I saw that that's
- 11 what their, kind of, opine, then I felt
- 12 like I needed her driver's license, because
- 13 I didn't know how tall she was. So I
- 14 wanted to show that if she were standing in
- 15 that room when they they think the -- as
- 16 far as Exponent believes she was in that
- 17 room where she would be standing in that
- 18 heat layer which would be impossible and
- 19 you would die.
- Q. I'm turning to page 4 of report
- 21 and you stated that Ms. Marcellin traveled
- 22 past the couch more than once. Do you see
- 23 that?
- 24 A. Yeah, and that was again
- 25 because they -- Exponent opined or offered



- J. KARASINSKI
- 2 that the living room could be the origin
- 3 and the point of origin could be the couch.
- 4 And again, they weren't there to hear the
- 5 fire department's statements about what
- 6 occurred and what statement that she gave
- 7 them, so I felt it necessary for your
- 8 experts to know that she passed this couch,
- 9 and it wasn't on fire, at least four times.
- 10 Q. So the one thing I can -- I
- 11 have seen this statement and we have looked
- 12 at the depositions together, she certainly
- doesn't say the couch was on fire, right?
- 14 A. Correct. She doesn't say it
- 15 was or it wasn't but she had to walk by it
- 16 and if you're walking by a couch on fire,
- 17 that's probably what you're going to try to
- 18 put out and not even go to the office.
- 19 Q. I understand exactly what
- 20 you're saying. What I was going to ask,
- 21 which is, she doesn't actually say one way
- 22 or another whether the couch was or was not
- 23 on fire, right?
- 24 A. If that couch was on fire, that
- 25 occurred well after full room involvement



- J. KARASINSKI
- 2 of the closet and if she was standing in
- 3 there and that couch was on fire with the
- 4 amount of damage on that couch, she
- 5 wouldn't be alive.
- 6 Q. In respect to the furnace, is
- 7 there any possibility that the furnace
- 8 overheated or had broken down insulation in
- 9 it?
- 10 A. No, there were no fire patterns
- 11 on the sides or above or the wall or where
- 12 the pipes went through the roof of the
- 13 ventilation.
- O. Did you take the wall that
- 15 abutted the furnace and the closet that was
- 16 issue in this case, did you take that wall
- 17 out or did you remove the furnace to see if
- 18 there was any damage to that abutting wall?
- 19 A. No, you could see the studs
- 20 from closet and the studs that were between
- 21 the furnace and the studs that you can
- 22 visually see on the wall that adjoins the
- 23 closet and the furnace, that mechanical
- 24 room, those studs don't have any fire
- 25 damage to them.



Page 279 J. KARASINSKI 1 2 So using that analogy, if I had 3 a fire that originates at the furnace would that ignite burn -- be burning inside the wall studs in that wall and I do not have 5 6 that. That also supports eliminating that 7 based on fire patterns that it did not overheat and it did not have any sort of failure with its high limit switch or 9 10 terminal couple whatever was going on. 11 Now, in her Supplemental Q. 12 Declaration, Ms. Marcellin states that she 13 looked in on the furnace and saw that it 14 wasn't on fire, right? 15 Correct. Isn't that different from her 16 17 testimony in her deposition where she said 18 he thought the smoke might be from the 19 furnace but then she saw the glow from the 2.0 office and that's where she went first? 21 I don't -- you have to pull it 22 and put it in front of us, I don't recall 23 the statement being --24 Yeah, you cite in your report Q. 25 at 21, you have part of her testimony here,



- J. KARASINSKI
- 2 I think it's on this page.
- 3 A. Well, I think -- I don't know
- 4 if she was exactly asked that question.
- 5 And we did that original information from
- 6 the fire department when they were doing
- 7 their normal this is what happened, this is
- 8 what she said, so everybody got that
- 9 information at the initial -- at our
- 10 initial scene exam.
- 11 So I don't know. Maybe she
- 12 didn't, maybe she wasn't asked, well, did
- 13 you open the louver door? I mean, maybe
- 14 she wasn't asked that, but...
- 15 Q. If you take a look at this
- 16 testimony that I put up on the screen here
- 17 which you cite in your report at pages 20
- 18 and 21.
- 19 A. Okay.
- 20 Q. You can see line -- beginning
- 21 on line six, Ms. Marcellin stated I could
- 22 smell smoke. I knew there was something
- 23 going on, hoping it was just the furnace,
- 24 maybe it had smoke. I knew there was
- 25 something going on, hoping it was just the



- J. KARASINSKI
- 2 furnace. Maybe it had malfunctioned and
- 3 was putting out smoke or something and I
- 4 could shut that down, but I went back
- 5 through the kitchen, passed the bathroom
- 6 through the kitchen and I got to the living
- 7 room. When I stepped right to go down that
- 8 hall, meaning, the hall with the furnace,
- 9 right?
- 10 A. So she would have stepped left
- 11 and not right, but, okay.
- 12 Q. The hall to the furnace was to
- 13 the left and the hall to the office was to
- 14 the right?
- 15 A. No, you said she stepped to the
- 16 right to go down the hall, but the hallway,
- 17 you'd have to make a left to go down the
- 18 hallway, not a right, a right --
- 19 Q. She was mistaken when she said
- 20 she stepped right tot go down the hall?
- 21 A. Yeah.
- 22 Q. Okay.
- A. Yeah, we you're in the kitchen
- 24 and you are looking at this photo you had
- 25 up on the refrigerator, she would have to



- J. KARASINSKI
- 2 walk that way and go left to go down the
- 3 hallway and not to the right.
- 4 Q. So reading the testimony that I
- 5 just read to you, I read that to say that
- 6 she woke up, she smelled the smoke, she was
- 7 hoping it was the furnace, and then
- 8 immediately when she went down the hall,
- 9 she could see the glow of the fire coming
- 10 from the room with a laptop, do you read
- 11 this to say anything different?
- 12 A. No, that's what it says.
- 13 Q. Okay.
- 14 A. But again, it doesn't say it
- 15 was the second time, because the first time
- 16 that she went to the room, remember, she
- 17 said she couldn't see flames. The only way
- 18 that she is going to see flames or a glow
- 19 is because that closet is probably fully
- 20 evolved at that point. She is not going it
- 21 see a glow like that from the batteries
- 22 accelerant.
- So I believe that to be the
- 24 second time that she was going to go back
- 25 to try to extinguish it and that's when she



- J. KARASINSKI
- 2 sees that glow and that's when you have
- 3 full room involvement of the closet.
- 4 Q. So when she says, when I
- 5 stepped right to go down that hall, I could
- 6 see the glow of the fire coming from that
- 7 room with the laptop was and I immediately
- 8 backtracked, grabbed the fire extinguisher,
- 9 but when I got there, I was already putting
- 10 out firewalls. You're saying she is
- 11 mistaken here?
- 12 A. I'm not saying she was
- 13 mistaken. I'm saying that glow, I think,
- 14 is what she sees when that closet is full
- 15 room involvement, that space. Otherwise,
- 16 there's not going to be a glow. I mean,
- 17 you might see flashes from the cells going
- 18 off, but that glow is a fire event.
- 19 O. So that fire would have been
- 20 fully involved by the time she made it to
- 21 that doorway?
- 22 A. Yeah, and if you remember from
- 23 her testimony, she went to the room first
- 24 and then she went back to the kitchen to
- 25 get the fire extinguisher and when she went



- J. KARASINSKI
- 2 back for the extinguisher, it was too big
- 3 to put out and that's when she was -- let's
- 4 go to Charles. Let's vacant the property.
- 5 Q. Right, but when she went and
- 6 saw the glow the first time, it's your
- 7 testimony that the closet would have been
- 8 fully evolved at that point in order for
- 9 her to see the glow at all?
- 10 A. For her to see the glow like
- 11 that, the closet that would have to be on
- 12 fire at that point.
- 13 Q. So in her declaration, I'm
- 14 going to put that up for you. This is the
- 15 declaration we have been talking about,
- 16 right, you're seeing this?
- 17 A. I have seen it, yes. Can you
- 18 make it bigger, if you're going to...
- 19 Q. Yeah, absolutely. So I'm
- 20 hoping we can resolve an issue I'm having
- 21 with this. There is some testimony here
- 22 that appears to be confusing, and in the
- 23 declaration in the section that I put up
- 24 here, it appears that Ms. Marcellin is
- 25 stating that she could not -- so she could



- J. KARASINSKI
- 2 see into the office closet, but that she
- 3 didn't enter the office. And so, my
- 4 question is, what we're just talking about,
- 5 isn't it true that you can't see the closet
- 6 from the hallway?
- 7 A. You can't see the interior of
- 8 the closet unless you walk in that two or
- 9 three feet to get past that closet wall,
- 10 that will be on her left side.
- 11 Q. You see, I'm confused because
- 12 she says --
- 13 A. Well, it's going be dark out
- 14 and the light switches are in the
- 15 opposition, so the see glow she is seeing
- 16 is fire.
- 17 Q. So in her statement here, she
- 18 says she didn't detect any smoke or heat
- 19 coming from the closet while she was in the
- 20 doorway, right, do you see that?
- 21 A. Are you referring to is this --
- 22 the first or second paragraph?
- 23 Q. Paragraph 4 she says she did
- 24 not enter the room, and then she says in
- 25 Paragraph 5: I did not enter the room at



Page 286 J. KARASINSKI 1 that point because of flying projectiles, 2 3 do you see that? Α. Yes. 5 And in paragraph 6, she says I 6 again observe that there was no smoke, 7 flames or heat coming from the closet. So how could she be unable to enter the 9 office, but still be able to examine the contents of the closet? 10 11 I don't know that that's what 12 she is saying. Are you reading from 13 paragraph 5 or 6? 14 Q. The last sentence that I read 15 was from paragraph 6. I again observe there was no smoke, flames or heat coming, 16 17 paragraph 5, she says, I did not enter the 18 room. 19 I think the point here that needs to be made is we don't know whether 2.0 21 this was the first or second time she went 22 there. So at the first time, when she's 23 seen these flying projectiles, that's when 24 we're having an issue with the laptop and



the battery pack, and that is still

25

- J. KARASINSKI
- 2 occurring when she thinks she can put it
- 3 out and goes to get the fire extinguisher,
- 4 but when she comes back, the closet
- 5 contents are now on fire. That's the glow
- 6 that she is seeing, because again, the
- 7 hallway light was in the on off position.
- 8 And so, this time of year, it in the middle
- 9 of winter in upstate New York, it's dark.
- 10 So that room is going to be dark. So the
- 11 only way she could see is if on the second
- 12 time, you see that glow is if that -- if
- 13 the closet is on fire when she's returning
- 14 with the fire extinguisher.
- 15 Q. But she did testify she saw the
- 16 glow when she first went there, right?
- 17 A. I'm not sure anyone asked
- 18 whether she saw the glow the first time or
- 19 the second time.
- Q. Well, isn't that what we just
- 21 went over, it's in your report at page 21?
- 22 She says, "I went to the kitchen. When I
- 23 stepped to go down the hall, I could see
- 24 the glows." This is when she first
- 25 approached the office, no?



Page 288 J. KARASINSKI 1 2 Α. Yeah, I mean that's what it 3 says, but if it -- was that with the with full room involvement of the closet, she wouldn't be able to -- she wouldn't be able 5 6 to get into that room at all. 7 That's the what she says in her declaration, right, I didn't enter the 9 room? 10 Yeah, because this is why I think she's just confused, because we are 11 12 really not talking about -- she is 13 physically not being asked is this the 14 first time or second time you went. 15 So what I believe happened and 16 makes sense is that when she goes the first 17 time and smells smoke and we have got the 18 smoke alarm activation, she goes -- that is 19 when she sees the flying projectiles 20 flying, and then she exits to go get the 21 fire extinguisher she comes back, that's --22 on her way back, that's when the closet 23 material is ignited and that's the glow 24 that she sees. 25 Q. So she was mistaken the first



Page 289 J. KARASINSKI 1 2 time and she just corrected herself here? 3 I don't know that she corrected herself. I just don't think she was the 4 5 asked the question, was this the first or 6 second time, I think maybe she's just 7 confused. Well, let's just be clear. Q. 9 says -- you described this here as 10 Ms. Marcellin explained her route of travel 11 after taken -- after being awoken from the 12 smoke on the morning of fire and described 13 what she saw. That that's how you 14 captioned this, right? 15 Α. Yes. 16 The question was, can you take 17 me through the route you took upon waking on January 24th, 2020, using this diagram, 18 19 that was the question, right? 2.0 Α. Okay. 21 Q. That's the question? 2.2 Α. Yes. 23 Q. So and her answer was, "I 24 opened the door, I silenced the fire alarm, 25 I could smell smoke, I went back through



- J. KARASINSKI
- 2 the kitchen, passed the bathroom, through
- 3 the kitchen into the living room, I saw the
- 4 glow. So this is her first time, right?
- 5 A. But again, that glow because
- 6 it's dark, I guess, it could still be the
- 7 batteries expelling or you're going to have
- 8 a small fire where you can see that, right,
- 9 you've got burnt plastic and material on
- 10 the laptop. That could be a small fire on
- 11 the laptop where she sees the glow.
- 12 What I'm saying is when she
- 13 goes back, if that -- if the closet is at
- 14 full room involvement, there is no way she
- 15 can get into that room. That's all I'm
- 16 trying to opine based on this question.
- 17 Q. That's helpful, because I'm
- 18 trying to figure out. She's saying in this
- 19 Supplemental Declaration, "I could see into
- 20 the closet, " she said, "I didn't see smoke,
- 21 I didn't see heat, " she says, "I observed
- 22 no heat. No flames coming from the
- 23 closet," when she comes back with a fire
- 24 extinguisher, so this is the full
- 25 involvement time, right, she comes back,



Page 291 J. KARASINSKI 1 2 it's full involvement, right? 3 Again, I just I think -- I Α. don't think she was asked the question 5 appropriately. I think this is the second time she goes back because she would not be 6 7 able to get down that hallway if the -within two minutes after this full room involvement, there's no way she would be 9 10 able to walk down that hallway and get 11 access into that room. 12 So, Mr. Karasinski, just to be 13 clear, what I have up here on the screen 14 now is not her testimony where she was 15 asked questions by Jackie. This is her Supplemental Declaration that she prepared 16 17 based on informations you requested from 18 Attorney Schwarz, do you see that? 19 Right, again, I'm saying 20 there's nowhere in this question does Mr. 21 Schwartz say is this the first or second 22 time? So again, I'm telling you -- if all 23 I'm saying is there's no way if she went 24 down that hallway and that closet was fully 25 involved like it is based on the fire



- J. KARASINSKI
- 2 damage that we see, she would not haven
- 3 been able to enter that bedroom or the
- 4 office, I'm sorry, the office.
- 5 Q. He she certainly wouldn't have
- 6 been able to see into the closet, right?
- 7 A. No, she cannot see in the
- 8 closet. So I believe what she is saying is
- 9 went she went the first time, she could get
- 10 in there, because that's the initiation and
- 11 the incipient stage of that failure at the
- 12 laptop, the battery pack. She could walk
- 13 if there at that point and at that point,
- 14 that's right when the event occurs. So
- 15 that produces smoke, you've got the melting
- 16 plastic, you got the flaming combustion
- 17 from the cells, and there are expelling
- 18 when she's in there, she had to be get in
- 19 there somewhat, because how are you going
- 20 to see them, you know, blowing up out of
- 21 the computer if she didn't walk in.
- 22 So I think that was the first
- 23 time. I think when she came back the
- 24 second time, that's when she could see the
- 25 glow and realized she couldn't put it out



Page 293 J. KARASINSKI 1 with a fire extinguisher and exited the 2 3 property and tried to get Charles out. When you were telling me that 5 she wasn't asked the right questions in respect of this Supplemental Declaration, 6 7 those are the questions you gave to Attorney Schwarz, right? 9 Yes, but I don't know how 10 Mr. Schwartz gave her these questions. I don't know, did he -- I don't know if he 11 12 called her. I have no idea. 13 I gave him the questions, 14 because that's what was told to us by the 15 fire department during our initial 16 inspection, but again, the folks at 17 Exponent, they weren't privy of all that 18 information, right, so I felt in necessary 19 to do this rebuttal, so they can have the same data that we have. 2.0 21 Could Ms. Marcellin's Q. 22 Supplemental Declaration have been a little 23 clearer too? 24 A. What to -- what do you mean 25 "clear"? Clear or what?



- J. KARASINSKI
- 2 Q. We are just talking about how
- 3 he could have added more detail on when was
- 4 the first time, when the with second time
- 5 and what exactly she observed on each of
- 6 those times. And that above made this
- 7 conversation go a little bit quicker,
- 8 right?
- 9 A. Yeah, I don't think you would
- 10 have had to many questions about it.
- 11 Q. So it could have been a little
- 12 clearer. Like her affidavit, this last one
- 13 that we are looking at?
- 14 A. It could have been a little
- 15 clearer, but again, the physical evidence
- 16 and based on my training education and
- 17 experience, I know that that's not
- 18 accurate, because she wouldn't be able to
- 19 walk down that hallway if that closet had
- 20 full room involvement.
- Q. Would you agree that if there
- 22 was a faster response to this fire, that
- 23 Mr. Hollowell's chances of surviving might
- 24 have increased?
- 25 A. Do you have a timeline from



Page 295 J. KARASINSKI 1 2 when the 911 call was to when fire 3 department arrived on site? It was 18 minutes. Q. 5 18 minutes. Yeah, that's Α. 6 definitely a slow response time, but it's a 7 volunteer fire department, and this is really a remote area. 9 Certainly, certainly. So a 10 faster response time probably would have been somewhat increased his chances? 11 12 Any faster response anything, Α. 13 shooting fire, anything, car accident, 14 anything can improve anybody's chances. 15 So, this is your opportunity to 16 explain to me what I was so confused about 17 with an actual picture, okay? 18 Α. Okay. 19 Here is Figure 7 of your Q. rebuttal of which is the location of the HP 2.0 21 Pavilion laptop and has various arrows and 22 indicators on it, do you see that? 23 Α. Yes. 24 Q. So you stated that the HP 25 monitor has less thermal damage in the



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                   J. KARASINSKI
1
2
    laptop in front?
3
         Α.
            Correct.
            Isn't the HP monitor vertically
         Q.
5
    oriented?
6
         A. Yeah, so is the laptop.
7
         Q.
              The laptop is vertically
    oriented, the screen, the keyboard assembly
    is horizontal, wouldn't you say?
9
10
         A. The keyboard is horizontal, but
    the screen is vertical.
11
12
               Is the screen 90 degrees like
         Q.
13
    the monitor or is it at some more --
         A. Well, I don't know -- first of
14
15
    all, it's at an angle now, but, I mean, for
    all we know, when NEFCO investigator put
16
    that piece of tape on it, he could've
17
    pushed it open a little bit further, I
18
    don't know the exact division of the
19
20
    monitor or screen for the Hp laptop.
21
         Q. You see the papers that are
    vertically oriented, right?
22
23
         Α.
            Yes.
24
         Q. Those weren't burned either,
25
   right?
```



- J. KARASINSKI
- 2 A. They're starting to turn, you
- 3 can see the discoloration and if you zoom
- 4 in a little bit, you can see all the
- 5 Post-It notes on the side wall of the
- 6 armoire and those are almost to ignition
- 7 right there, those post it notes
- 8 underneath, yeah, right there, yes, yes.
- 9 Q. So we see some evidence that
- 10 things are getting close to ignition, but
- 11 they weren't burned, right?
- 12 A. No, they were burnt. You can
- 13 see, there is burning on the top where the
- 14 red box is, the stuff that's higher is up,
- 15 that's burning. You've got --
- 16 Q. I'm thinking more of as I'm
- 17 looking at paper and I'm expecting it to be
- 18 consumed. So when say burned, I mean --
- 19 A. No. So remember, you've got
- 20 them all stacked together, right, so I'm
- 21 assuming you and Jacqueline have had a
- 22 bonfire at some point in your life and you
- 23 wanted to get rid of your magazines and you
- 24 put a stack of your magazines in the bond
- 25 fire and even after all the wood and you



- J. KARASINSKI
- 2 are pushing those magazines and you still
- 3 have unburned pages that you could
- 4 physically open up and read.
- 5 So these are protected areas.
- 6 So the areas that aren't protected, right,
- 7 you can see that you had charring and you
- 8 have flaming ignition starting, especially
- 9 up in the red box.
- 10 But if you go back to my
- 11 explanation about my paper again, again,
- 12 with no ceiling fan, no ventilation issues,
- 13 no airflow, if I light the bottom of that
- 14 piece of paper, right, with the that, you
- 15 have plenty of heat and fuel to consume
- 16 entire piece of paper.
- But now, if I ignite -- if I
- 18 attempt to ignite the top of that piece of
- 19 paper, it's going to ignite, and then it's
- 20 going to burn itself out, because its fuel
- 21 configuration is not vertical.
- 22 Q. So why didn't these -- I quess
- 23 I'm just restricting ourselves to the
- 24 obvious cases of these papers that are
- 25 protruding out in the red boxes. Why



- J. KARASINSKI
- 2 didn't they get burned up?
- 3 A. Because they were -- again, we
- 4 talked about fuel configuration. All these
- 5 are sitting there horizontal, so your top
- 6 left box is wide, but you can see that
- 7 they're starting to burn, but again, you
- 8 can see -- look at the differences between
- 9 the Post-It notes on the sidewall and the
- 10 items that are laying horizontally flat on
- 11 top of each other.
- 12 Two different patterns, because
- 13 one vertical and one's horizontal
- 14 protecting the other pieces of paper, just
- 15 like I described with the magazine in your
- 16 bond fire out back in your backyard at
- 17 home.
- 18 Q. What impacts the amount of
- 19 radiative heat an object receives?
- 20 A. It's fuel configurations. If
- 21 it's and there's things stacked on top of
- 22 it, so again, it goes back to, you can see
- 23 there's a clear difference between how much
- 24 charring and that those Post-It notes
- 25 almost got to ignition compared to the



- J. KARASINSKI
- 2 items that are stacked on top of each other
- 3 and protected on the shelves. And then if
- 4 you take the stuff in the big square at the
- 5 top, and then you go down and you look at
- 6 the middle square and the bottom, you can
- 7 see where the paper is exposed, it is
- 8 starting to burn.
- 9 Q. I wanted to go back to
- 10 Figure 43 of your report which relates
- 11 to --
- 12 A. 43?
- 13 Q. Figure 43.
- 14 A. Yes.
- 15 O. So we have talked about how the
- 16 top gas layer, it doesn't need to descend
- 17 to the level of the item it's damaging
- 18 basically in order to damage it. So you
- 19 said that in order to --
- 20 A. Well, it depends on the
- 21 material and the radiant heat and her
- 22 coming down from the heat layer, yes.
- Q. Right. So my question is, in
- 24 this picture, you've drawn demarkation line
- 25 along the wall, right, in 43 here?



Page 301 J. KARASINSKI 1 2 Α. Correct, to show the flow and 3 the heat layer, yes. 4 So, what caused the extensive Q. 5 heat damage to this couch in this photo? 6 As the radiant heat was banking 7 down, you can see the uniform burning on the couch, at the radiant heat was banking 9 down from the heat layer, it ignited the 10 material on the couch, because that's at a 11 lower ignition temperature than wood 12 panelling or the carpet or as you just 13 talked about, why that chair doesn't have 14 as much damage to the couch, because the 15 chair is a different material. 16 So that uniformity on the 17 couch, if you want, if you have a 921 18 there, I think it's Section 6.5.7, you can 19 see what the couch looks like when it's 20 burning. You've got the melting material 21 dripping down on the ground, if that is 22 your origin location, if this is my origin, 23 then the -- whatever area that the fire may 24 have originated on this house would be 25 completely burned down to the floor level



- J. KARASINSKI
- 2 based on the damage we have on this house.
- 3 This damage on this house is
- 4 totally uniform, and that's because that's
- 5 the radiant heat that ignited the couch
- 6 from the heat layer in the living room as
- 7 the fire progressed.
- 8 Q. I think we talked a little
- 9 about it -- a little bit about thermal
- 10 runaway and I understand that Dr. Martin is
- 11 going to be the expert on the battery
- 12 chemistry and things of that nature, but I
- 13 want to ask you fire investigation, if
- 14 that's okay. So what factors from a fire
- 15 investigation standpoint would increase the
- 16 likelihood of thermal runaway in a 18650
- 17 cell?
- 18 A. That is going to be a Steve
- 19 question. I don't have any opinions on the
- 20 laptop.
- 21 Q. When you did your -- the
- 22 recycling fires, do they get a lot of
- 23 batteries that are beat up in one way or
- 24 another, I mean you talked about physical
- 25 abuse, it gets dropped and such, but do you



- J. KARASINSKI
- 2 get, you know, other kinds of abuse, you
- 3 know, people it was too cold, it was too
- 4 hot, they ran over it with their car?
- 5 A. Oh, of course, yeah, there's
- 6 all sort of reasons why lithium ion
- 7 batteries fail, and they're also going to
- 8 be a mechanical defects or a design defect.
- 9 But again, those are questions for Steve, I
- 10 mean, yeah.
- 11 Q. Okay. How hot does radiative
- 12 heat get in a compartment fire before flash
- 13 over?
- 14 A. Well, flash over, everything at
- 15 night at the same time, so you're at the
- 16 same temperature from ceiling to floor
- 17 level, so from anywhere from -- I guess I
- 18 could give you a range, 18 to 2100 degree
- 19 F.
- 20 Q. That can certainly cause
- 21 thermal runaway, right?
- 22 A. I said that earlier when I when
- 23 you were talking about the batteries, that
- 24 thermal hear and fire attack is also a
- 25 cause for thermal runaway within the



Page 304 J. KARASINSKI 1 2 battery cells. 3 So now, I want to talk about --Q. give you an opportunity to see something that we have been just talking about this 5 6 whole time which is the slug, what I have been calling the slug, but the jelly roll 7 projectile which I believe is shown on? 9 Next slide. Α. Figure 18? 10 Q. 11 Α. Correct. 12 Q. You see that? 13 Α. Yes. 14 So I guess, I'm going to start Q. 15 with a couple of things. The first is the slug that we are talking about that you 16 17 believe ignited the secondary fuels in the 18 closet is depicted in the red circle drawn 19 on Figure 18? 2.0 Α. Yes. 21 Q. Was this item vouchered by FRT? 22 What do you mean "vouchered"? Α. 23 Was it collected for further Q. 24 examination? 25 A. Yes.



Page 305 J. KARASINSKI 1 2 Q. What was the nature of further 3 examination you undertook? 4 That again would be for Mr. Α. 5 Martin at the lab exam, but obviously, we 6 took this as evidence because it was a 7 potential ignition source that we had to evaluate. 9 Did you X-ray it? 0. 10 Α. I'm not sure -- an X-ray is not 11 going to give you any information. That's 12 basically just going to show you the 13 outline of that subject, so you if X-ray 14 1650s, it's just going to shoot right 15 through it. 16 So if you were going to do 17 anything with this jelly roll, i don't know 18 that it would give you any evidence or 19 value. The only thing you could do to 2.0 that, but because it's been a through a 21 fire and it's been ignited, I don't know 22 that you would be able to determine if 23 there was any mechanical damage or anything 24 to it, but the only way that you be able to 25 do that would not be an X-ray. You'd have



- J. KARASINSKI
- 2 to CT it, but based on the amount of damage
- 3 to it, I don't feel a CT would tell you
- 4 anything different at that point, just
- 5 because of the amount of damage it has
- 6 already sustained.
- 7 Q. So this -- if you are to do any
- 8 further analysis, you would Ct it, you
- 9 didn't in this case because of damage it
- 10 depicted in Figure 18?
- 11 A. Yeah, you would have to ask Mr.
- 12 Martin if he would want it CT, that's with
- 13 him.
- 14 Q. Have you seen and touched the
- 15 item that is depicted in the red circle and
- 16 Figure 18 yourself?
- 17 A. Have I seen it? I had to
- 18 collect it. I don't know I was actually
- 19 the one that put it in the bag, but, yeah,
- 20 I have seen it, yes.
- 21 Q. Have you ever touched it?
- 22 A. I don't know if I touched it,
- 23 but the people that the lab we handed, your
- 24 experts as well as Andy and the battery
- 25 expert. Again, this goes back to the



J. KARASINSKI

- 2 batteries with the laptop, so it was not --
- 3 Q. Yeah, I understand that this is
- 4 -- that maybe some of technical aspects of
- 5 the battery analysis are better directed to
- 6 others, but I guess, my question is, this
- 7 image of this -- that's on Figure 1 here
- 8 is the first time that you've seen the
- 9 picture of this and you are telling me that
- 10 this is the material that was competent to
- 11 ignite the secondary sources in the closet,
- 12 right?
- 13 A. Correct, but Greg was there and
- 14 Greg saw this as well. Greg was there for
- 15 the whole time, so he should have pictures
- 16 of it. I believe I have asked for Greg's
- 17 pictures. I don't think we have received
- 18 any of Greg's pictures yet.
- 19 Q. When you identified the
- 20 ignition material that in your opinion was
- 21 competent of causing a secondary fuel to
- 22 ignite resulting in the fire that is the
- 23 subject of this litigation that caused the
- 24 death, did you think it appropriate to do
- 25 anymore analysis on this piece? I mean,



- 1 J. KARASINSKI
- 2 the other pieces in the room were all
- 3 individually had, right?
- A. Yes, but so how we process the
- 5 scene, if you go back to, like, one of
- 6 original photos, you don't have to, but
- 7 you'll see where all the tents were out.
- 8 So instead of having people
- 9 walking into that room of origin and
- 10 stepping on potential evidence and things
- 11 of that nature, we let people get their
- 12 pictures. We had, I believe, Andy was
- 13 standing in there to make sure that nobody
- 14 stepped on anything, and then as soon as
- 15 everyone got their overall pictures of that
- 16 room, we said, okay, we're going to stop,
- 17 we're going to tent the evidence that we
- 18 can see and bag that now, so it doesn't get
- 19 trampled on or damaged during our
- 20 inspection. So we bagged that separately
- 21 before we started to excavate and process
- 22 the closet.
- Q. I guess, what I'm getting at,
- 24 Mr. Karasinski, is, would you agree with me
- 25 that what we're looking at in Figure 18



- J. KARASINSKI
- 2 what's circle there and then the close up
- 3 is critical evidence in a case?
- A. Well, it's part of admission
- 5 scenario, so any bit of the data is
- 6 important to your case. It's not one over
- 7 another, you have to look at it at its
- 8 totality. But again, Greg Gorbit was
- 9 there. He observed the photographs as
- 10 well, and we didn't hide it from anybody,
- 11 everybody saw it, so if anybody should --
- 12 Q. So to be clear, I'm not
- 13 suggesting you you did anything, Mr.
- 14 Karasinski, I wouldn't suggest otherwise.
- 15 And just focusing on this piece of evidence
- 16 because -- let me phrase it in a negative.
- 17 If you had never found what's depicted here
- 18 in Figure 18 and you had never seen it and
- 19 you had never collected it, and you have
- 20 never examined it, would that change any of
- 21 your opinions in this case?
- 22 A. Because the melting temperature
- 23 of the battery material is higher than what
- 24 temperature is of the closet is going to
- 25 get to, I would expect if I'm going to be



- J. KARASINSKI
- 2 able to opine that I have gotten cell
- 3 material or shrapnel material that vented
- 4 from a cell and I find that in there, I
- 5 should find that in there, that's my
- 6 admission source, because the melting
- 7 temperature of that is higher than the
- 8 temperature of the closet fire is going to
- 9 get to, heat-wise and energy-wise. So if I
- 10 did not find it in the closet, I would not
- 11 have opined that the battery failure
- 12 ignited cause material.
- 13 Q. That answers my question. So
- 14 we looked at the other cell adjuster not
- 15 the stuff that landed in the closet. I
- 16 think it was your testimony that basically,
- 17 they didn't have enough energy to ignite a
- 18 nearby combustible in the open flame, there
- 19 was damage was on charring and other
- 20 thermal damages, is that fair to say?
- 21 A. Can you repeat the question,
- 22 I'm sorry?
- 23 Q. No, I apologize. We are almost
- 24 done and it's a long day. I said when we
- 25 looked at the other battery cell materials



Page 311 J. KARASINSKI 1 2 that you covered outside the closet, in the 3 office room, would you agree that in the those locations where you found those 5 materials, the battery cell material didn't have enough energy to ignite the nearby 6 7 combustibles into open flame? I would agree with that 9 statement, yes, but we did have charring 10 like we looked at on the carpet, where I believe there was some charring in the 11 12 garbage can or adjacent to the garbage can 13 which was on the other side of the room. 14 That's consistent of what you 15 said earlier about they were probably still 16 venting when they landed? 17 Α. Correct. 18 0. The material that's shown here in Figure 18, is that the material that's 19 2.0 consistent with the copper foil? 2.1 Α. Yes. 22 What makes you say that? Q. 23 Just when I observed it, we all 24 knew what it was, we all knew that it was 25 foil from battery remains.



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Page 312
                   J. KARASINSKI
1
2
              Did you measure the mass,
3
    surface area or thickness of this piece of
4
    foil?
5
              You would have to go to Mr.
    Martin on that or your battery expert who
6
    was at the lab exam.
7
               If you had to estimate the
    sides, would you say it's like two inches,
9
10
    that's what it looks like to me, but
   without any --
11
12
         A. I would have to --
13
         Q.
              -- that's maybe an inch or an
    inch and a half?
14
15
         A. Yeah, I would have to put a
    scale next to it, I don't know how large it
16
17
    was or how thick the material was. But
18
    again, the battery expert was able to
19
    observe this and ask for any testing he
2.0
    wanted to do to at the lab exam already,
21
    so...
22
             How thick it copper flow in a
         Q.
23
   battery?
24
         Α.
               That's a Mr. Martin question.
25
         Q. They are thin though, right?
```



Page 313 J. KARASINSKI 1 2 Α. Oh, it very thin. Yes, like, 3 paper-thin, yeah. 4 Would you agree that a piece of copper foil of this size would cool when 5 it's ejected from the battery? 6 7 Again, that's a Mr. Martin question, but I can answer that, yes. 9 is going to cool as it ejects based on its 10 mass size and the amount of energy that's 11 left in that. 12 This piece of foil, this item Q. 13 that we are looking at in Figure 18, it 14 would have very little thermal mass to 15 transfer to the transfer heat to surrounding materials, right? 16 17 Well, again, we have already 18 talked about this, but we'll go through it 19 again, this slug, as you call it, right, 2.0 it's much more -- there's more mass to 21 that's utilized in your confetti answer, 22 right, but because of this, the mass of it, 23 and the energy that it has, that is going 24 to maintain that heat and energy longer 25 than utilizing your confetti explanation.



Page 314 J. KARASINSKI 1 2 So, is it your testimony that 3 the because it is the slug type projectile rather than confetti, that it did have enough energy at the time it contracted the 5 6 materials in the closet to combust -- to 7 ignite any combustible materials? It is my opinion that based on 9 this material that I found in there, and 10 the other data that was collected during our investigation and the processing of the 11 12 scene, that was the only available ignition 13 source that we found in the closet. 14 Q. Is it your opinion that the 15 ejector ignited the materials in the 16 closet? 17 I mean this is readily 18 available on YouTube, you can watch the 19 battery failures, and you can see them 20 shooting across rooms on fire, I mean, it 21 readily knows what happens. 22 If it ejected the material in 23 the closet across the room --24 Α. When you say "across the room," 25 if you mean two or three feet away, then



Page 315 J. KARASINSKI 1 2 yes. 3 So two or three feet away and I appreciate the clarification, because I do 5 want to kind of nail this down. So it's you opinion that the battery materials that 6 were ejected into the closet ignited the 7 combustibles, right, in the closet? 9 If the combustible materials 10 were ever stored in the closet, yes. 11 So now, question is why, did Q. 12 those same battery materials that were 13 ejected into the rest of the room, why did 14 they not ignite anything? 15 You didn't have any fuel adjacent to them, right. 16 17 What about all the papers and Ο. all the stuff we looked at? 18 19 We didn't find any battery Α. 2.0 remains up in those shelves in the paper 21 areas. We documented all the remains that 22 we found and we put tents on those. So 23 again -- and it also depends on if you --24 when you -- if that battery, when it expels 25 it's contents, maybe it expels it after it



Page 316 J. KARASINSKI 1 2 lands on the ground or flies through the 3 air or does it expel it all right as it's sitting in the laptop? 5 I'm following along. I'm just trying to find that diagram with the tents. 6 7 I know you made it. Can you go back, down, down one 9 more though. Keep going, keep going, keep 10 going, keep going, I'm looking for the -you can see some of the materials I have 11 12 pictures of, the one NFPA caps and the 13 garbage can. 14 NFPA caps in the garbage, we 15 looked at this one together, right? 16 Yeah, go down, go down, okay. 17 So you can that caps in the garbage can. 18 Q. We are looking at in 61? 19 Yeah, there's no combustible 20 material in the garbage can. 21 It's empty right? Q. 22 There you go. Α. 23 So again, if you go back up to Q. 24 the cell on the carpet, we talked about 25 that, right, the carpet is on a horizontal



Page 317 J. KARASINSKI 1 2 fuel configuration, if the cell landed, it 3 was still expelling, but it didn't have energy to ignite the carpet, but you take 5 that same energy and you put that energy in that closet with the combustible material 6 7 and the contents of that closet, now you have that combustible material to unlike 9 where we found the other material or masses 10 from the battery that did expel? 11 I'm going to take 60 seconds to 0. 12 speak with my co-counsel, and then I'm 13 hoping to have you and Ms. Schweke done by 14 5:30. So if everybody can just stay on, 15 I'm just going to go to mute, and I'll be back on in 60 seconds. 16 17 Α. You got it. 18 0. All right. So, Mr. Karasinski, 19 thank you for bearing with us. I just have 20 a few very brief questions. The first 21 being, have you understood all of my 22 questions today? 23 I believe so, yes. Α. 24 Is there anything else you want Q. 25 to tell me about this fire or your



Page 318 1 J. KARASINSKI 2 investigation of Marcellin notebook? 3 Not at this point, I think we 4 pretty much covered it. 5 Did you conduct any other 6 physical testing of your hypothesis other 7 than what we've talked about today? Α. No. 9 Well, thank you again so much Ο. 10 for bearing with us and for doing this 11 while you're traveling, I really appreciate 12 it. With that, I'm going to turn you over 13 to Attorney Schwarz, I appreciate it. Nice 14 meeting you and thanks for making it. 15 Thank you for making it a nice 16 conversation. 17 Q. I appreciate it. MR. SCHWARZ: I have no 18 19 questions, so we can close the 2.0 deposition. 2.1 (Whereupon, at 5:26 P.M., the 2.2 Examination of this witness was 23 concluded.) 24 25 ? ? ? ?



	Page 319		
1	J. KARASINSKI		
2	DECLARATION		
3			
4	I hereby certify that having been		
5	first duly sworn to testify to the truth, I		
6	gave the above testimony.		
7			
8	I FURTHER CERTIFY that the foregoing		
9	transcript is a true and correct transcript		
10	of the testimony given by me at the time		
11	and place specified hereinbefore.		
12			
13			
14			
15	JASON T. KARASINSKI		
16			
17			
18	Subscribed and sworn to before me		
19	this day of 20		
20			
21			
22	NOTARY DIDITC		
22	NOTARY PUBLIC		
24			
25			
23			



		D 220			
1	T	Page 320			
1	J. KARASINSKI				
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23	QUESTIONS MARKED FOR RULINGS				
24	PAGE LINE QUESTION				
25	(None)				



	Page 321		
1	J. KARASINSKI		
2	CERTIFICATE		
3			
4	STATE OF NEW YORK)		
	: SS.:		
5	COUNTY OF KINGS)		
6			
7	I, MIRIAM SCHWEKE, a Notary Public		
8	for and within the State of New York, do		
9	hereby certify:		
10	That the witness whose examination is		
11	hereinbefore set forth was duly sworn and		
12	that such examination is a true record of		
13	the testimony given by that witness.		
14	I further certify that I am not		
15	related to any of the parties to this		
16	action by blood or by marriage and that I		
17	am in no way interested in the outcome of		
18	this matter.		
19	IN WITNESS WHEREOF, I have hereunto		
20	set my hand this 2nd day of April 2025.		
21			
22			
23	MARAAM SCHWEKE		
	MIRIAM SCHWEKE		
24			
25			



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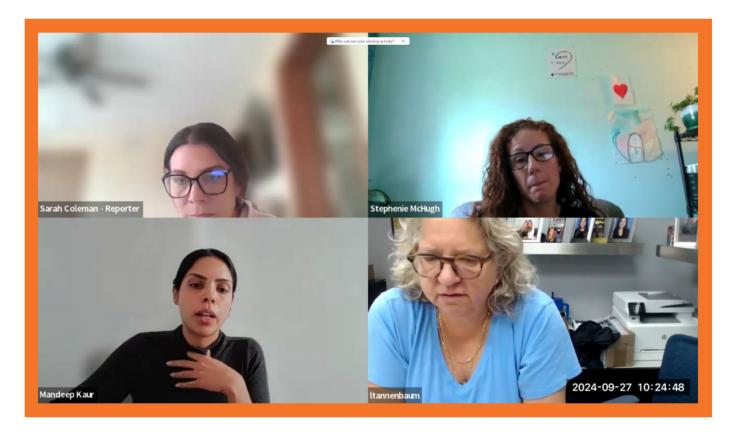
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